



MEDFORD
OREGON

Medford Fire-Rescue

Honor ★ Integrity ★ Service



2019

ANNUAL REPORT



2019 ANNUAL REPORT

ADMINISTRATION

Fire Chief

Brian Fish

Fire Marshal

Greg Kleinberg

Training Chief

Tom McGowan

Technology Chief

Justin Keylock

Administration Manager

Pam Webber

MEDFORD FIRE-RESCUE

Headquarters

200 S. Ivy St. Room 180

Medford, OR 97501

541-774-2300

www.medfordfirerescue.org

PRODUCTION

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SPECIAL THANKS

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Ram Offset Lithographers

Thank you to all who contributed time, information, data, and photos used to create this report.



MEDFORD FIRE-RESCUE

2019 ANNUAL REPORT

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MESSAGE FROM THE FIRE CHIEF

One event we were privileged to attend this year was the National Fallen Firefighters Memorial Weekend in Emmitsburg, Maryland in October. Although it was a very somber event to attend, it was a privilege to escort the family of Operations Chief Mark Burns, who was honored for his ultimate sacrifice after passing away from the effects of smoke exposure during the Oak Knoll Fire that took place in Ashland in 2010. Mark's name was placed on the memorial wall at the National Fire Academy where it will serve as a reminder to future generations of fire service personnel to be ever vigilant while serving their respective communities.

I am excited to join Medford Fire-Rescue (MFR) in presenting our 2019 Annual Report. This report is filled with information about our accomplishments and data from the past year. It also includes photos and fun facts about the department. Our goal is to provide you with a detailed look into our fine organization.

We commissioned a Fire Services Data Analysis to look at many aspects of our department's response activity and makeup. Though we have seen preliminary feedback from the process, our full report will not be presented until 2020. You will want to pick up next year's annual report to see how we did and I'm sure the report will be made available once it is vetted by our City Council and Budget Committee.

In 2019, we joined other fire departments in the Rogue Valley to organize the very first Rogue Girls Fire Camp. The event was held in June and its focus was getting young women interested in the fire service. Female fire service personnel from around the valley shared what a fire service career is like from their perspective. This event was a huge success and we plan on continuing the it in 2020.

Our 2019 fire season was significantly lighter than recent history, of which we are quite grateful. We had very few local wildland fires of any consequence this summer. We sent a fire engine, strike team leader, and fire personnel as part of a State response to help fight the Kincade Fire in California. This type of experience for our department helps make us better prepared to respond to local fires that we may face in the future.

Another accomplishment this year was the recruitment and selection of a new fire chief. Due to my retirement at the end of 2019, we hired Eric Thompson to take over as Fire Chief of Medford Fire-Rescue beginning on January 2, 2020. As I have been allowed to interact with Chief Thompson, I know this fine organization will continue to provide great service to this wonderful community. I, for one, am looking forward to what is ahead for our department. I believe I am leaving you in great hands.

I want to thank our community partners, fellow city departments, Medford Rural Fire Protection District 2 (MRFPD2), and the wonderful community we are blessed to serve. Thank you all for the trust you honor us with by allowing us into your lives. We do not take this privilege lightly and will continue to live up to our core values of "Honor, Integrity, and Service".

On a personal note, thank you for allowing me to serve you in the many roles I've held over the years with MFR and I hope you enjoy our report. If you have any questions, comments, or concerns, please contact our department headquarters or feel free to stop by and visit us at one of our fire stations.

Respectfully,

A handwritten signature in dark ink, appearing to read "B. Fish", written in a cursive style.

Brian Fish
Fire Chief



Medford Fire-Rescue Firefighter's Oath

I do hereby declare,
that I will faithfully fulfill the duties of Firefighter,
to Medford Fire-Rescue,
and to the citizens of Medford,
to the best of my ability.

I promise compassion for others,
and willingness to help those in need.
I promise courage to face and conquer my fears,
courage to share and endure
the ordeal of those who need me.

I promise strength of heart
to bear whatever burdens might be placed upon me.
Strength of body to deliver safety
to all those placed within my care.

I promise the wisdom to lead,
the compassion to comfort,
and the love to serve unselfishly
whenever I am called.

THE HISTORY OF MEDFORD FIRE-RESCUE



Protection Hose Company 1 is formed and has a membership of about 20 men.



Construction of the Central Fire Hall is completed at 110 E. 6th St., near Front St., at a price of \$10,000.



\$13,500 is used to buy the department's first Stutz Pumper. It can reach speeds of 45 mph and pumps 1,200 gallons of water per minute.

1886

1890

1907

1908

1912

1924

1929

Medford purchases its first firefighting equipment.



First horse-drawn chemical wagon is purchased for \$2,300. It carries 1,000 feet of hose and two hand extinguishers. A team of horses is purchased for \$300 to pull the wagon.



The department buys its first automobile fire apparatus. It can reach speeds of 40 mph. The cost is \$5,250.



The new Fire Hall (Station 1) is built at 402 N. Front St. (on the corner of 3rd and Front).





The West Side Station (Station 2) opens at 1241 W. 8th St. after construction began in 1951. The station is fully operational by January.

Station 4 and the department training tower are built at 2208 Table Rock Rd.

Construction on Fire Station 6, at 3700 Barnett Rd., is completed.

After beginning construction in 2017 directly next-door to the former station, the new Station 3 is completed in May at 534 Highland Dr.

1952

1956

1969

1975

2000

2017

2018

2019

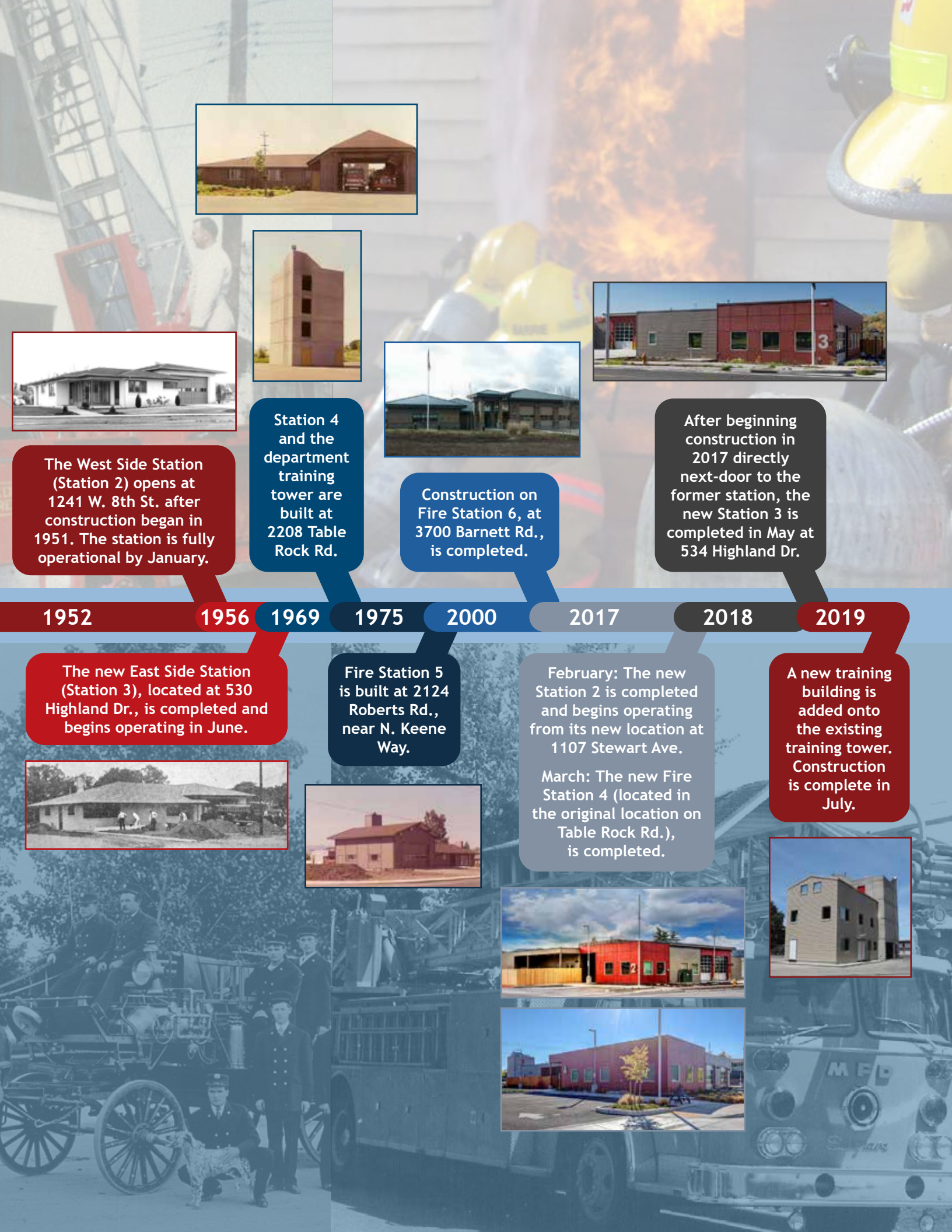
The new East Side Station (Station 3), located at 530 Highland Dr., is completed and begins operating in June.

Fire Station 5 is built at 2124 Roberts Rd., near N. Keene Way.

February: The new Station 2 is completed and begins operating from its new location at 1107 Stewart Ave.

March: The new Fire Station 4 (located in the original location on Table Rock Rd.), is completed.

A new training building is added onto the existing training tower. Construction is complete in July.



OUR MISSION

We serve our community through risk reduction and all-hazard response to emergencies.

OUR VISION

Medford Fire-Rescue is committed to the City of Medford's Vision:
"Medford - A fantastic place to live, work, and play."

OUR CORE VALUES

Honor

Respect and esteem for others. Proud to be a part of Medford Fire-Rescue.

Integrity

Adherence to moral principles and professional ethics.
Sound character. Commitment to honesty.

Service

Helpful action.
Addressing the individual and collective needs of our community and providing consistent, excellent service.

OUR MOTTO

"Serve and Preserve"

DEPARTMENT INSIGNIA



Department Patch



Department Logo

Medford Fire-Rescue's Challenge Coin

Challenge coins are a tradition among fire departments. The medallion signifies that a person is a member of the organization and it promotes camaraderie. The coins also represent loyalty and service, honoring the men and women who are dedicated to risking their lives to save others.

MFR's coin is a symbol of 133 years of unity, pride, and teamwork. It is engraved with our core values of Honor, Integrity, and Service. The illustration on the front of the coin was drawn by Fire Chief Brian Fish.



Front of Coin



Back of Coin

MEDFORD FIRE-RESCUE PERSONNEL

Fire Chief



Brian Fish

Dep. Chief



Greg Kleinberg

Battalion Chiefs



Brian Farber



Kip Gray



Justin Keylock



Tom McGowan



Erin Sawall

Fire Captains



Dave Ackles



Bryan Baumgartner



Sean Fey



Chuck Glose



Randy Green



Chris Howard



Jason John



Mike Longo



Seth McEwen



Graham Payer



Jon Peterson



Allan Rogers



Sean Schmidt



Kevin Watt



Rob Wright

Fire Engineers



Chuck Barrie



Steve Blumberg



Lars Borosund



Dan Buchanan



Andrew Burg



Derrek Butterfield



Travis Chronister



Kevin Geller



Tim Harvey



Dave Herick



Randy Horner



Dennis Macey



Jon Murphy



Marc Trautz



Curtis Wilcox

Administration Manager



Pam Webber



Kristen Agotta



Christa Bennett



Gayle Cotone



Randy Kalista



Kelly Kleinberg



Stephany
Smith-Pearson

Administrative Support Staff

Firefighters



Josh Allphin



Eli Champagne



Noah Davis



Tim Dundas



Justin Fish



Brandon Grissom



Josh Guinn



Brian Hammer



Wes Hammer



Mike Haughey



Brandon Jones



Aaron Kersey



Travis Landen



Rich Martin



Joel Matlock



Jeff Matschke



Kris Miller



Kyle Miller



Jeremy Nelson



Kyle Nelson



Tyler Nelson



James Oppelt



Dave Penicook



George Ramsey



Cole Rohrbough



Manny Sharp



Ryan Stidham



Bryan Studebaker



Matt Tate



Jim Turke



Nathan Wickham



Ryan Willits



Dave Wood



Eric Zurita



Honor ~ Integrity ~ Service

Deputy Fire Marshals



Chase Browning



Tanner Fairrington



Samantha Metheny



Steve Parks



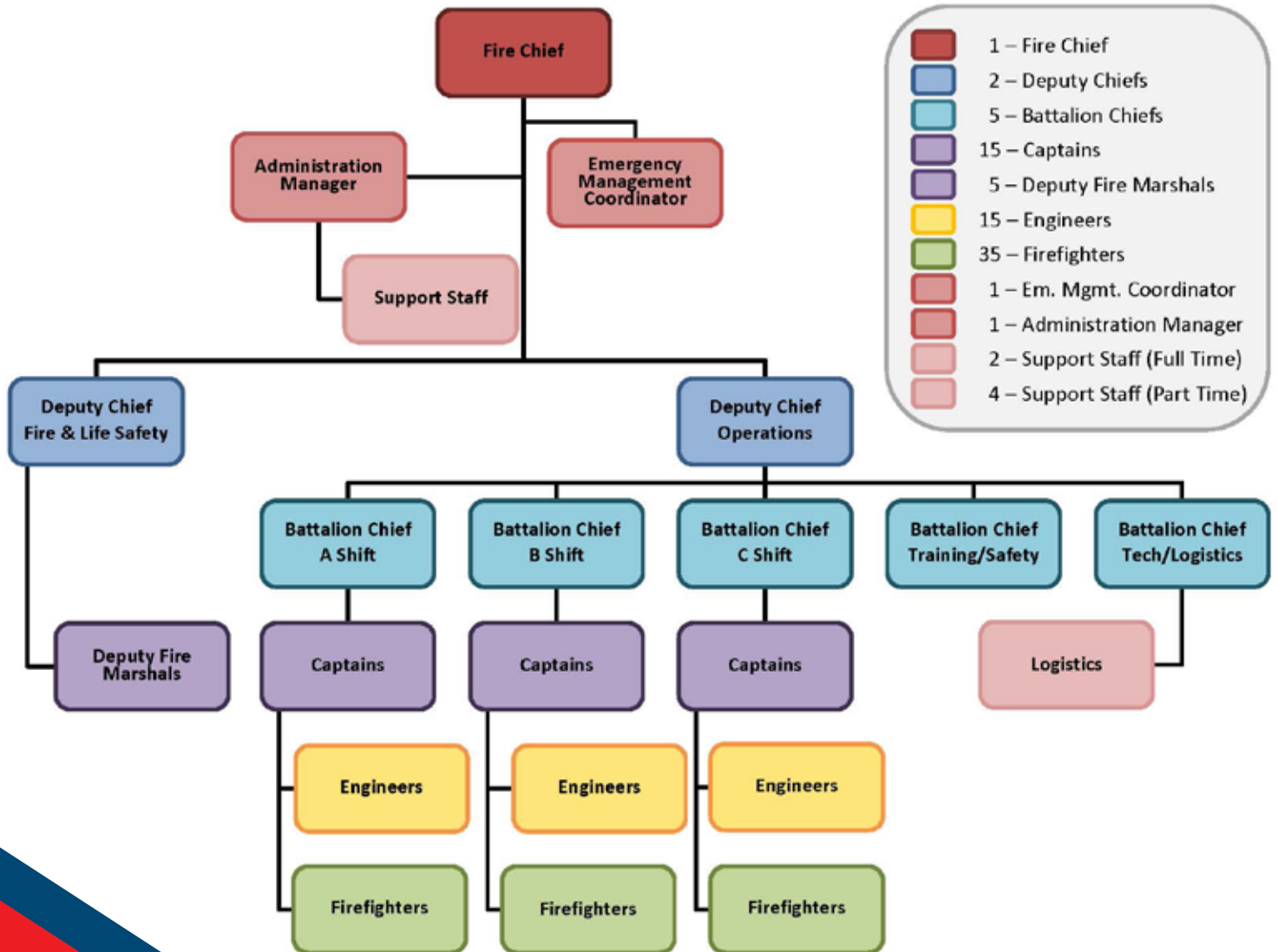
Mark Shay

Emergency Manager



Melissa Cano

ORGANIZATIONAL CHART



PERSONNEL STATISTICS



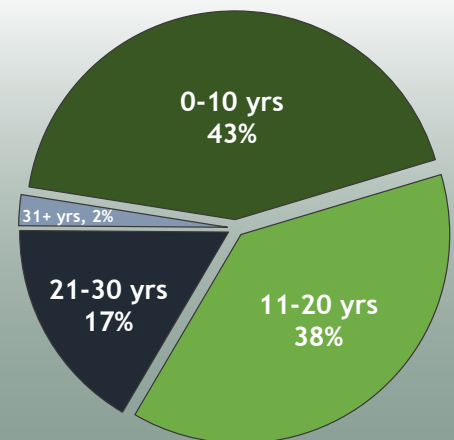
Medford Fire-Rescue 2019

Budgeted Positions	86
Full-Time Positions	82
Part-Time Positions	4
Positions Filled	84
Average Years of Service	12
Average Employee Age	43
Retirements	3
Promotions	0
New Employees	0

As of 12/31/19: 81 employees (Vacant Positions: 1 Deputy Chief, 1 Battalion Chief, 1 Emergency Manager, 2 Firefighters)

YEARS OF SERVICE

Years Served	# of Employees	Overall %
0-10	36	43%
11-20	32	38%
21-30	14	17%
31+	2	2%



Administrative/HQ Staff 18

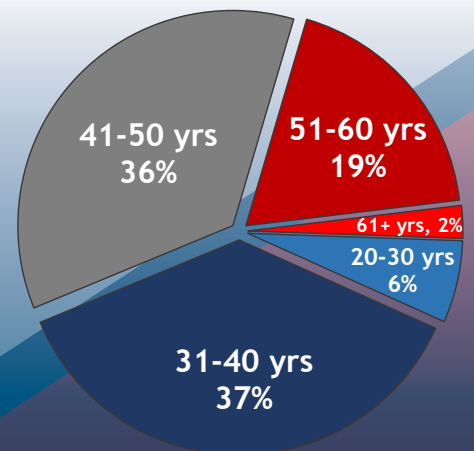
Fire Chief	1
Deputy Chiefs	
Operations Chief	1
Fire Marshal	1
Battalion Chiefs	
Training Chief	1
Tech/Logistics Chief	1
Emergency Manager	1
Deputy Fire Marshals	5
Support Staff	7

Line Personnel 68

Battalion Chiefs	3
Captains	15
Engineers	15
Firefighters	35

AGES OF PERSONNEL

Age (in years)	# of Employees	Overall %
20-30	5	6%
31-40	31	37%
41-50	30	36%
51-60	16	19%
61+	2	2%



MEDFORD FIRE DISTRICT 2

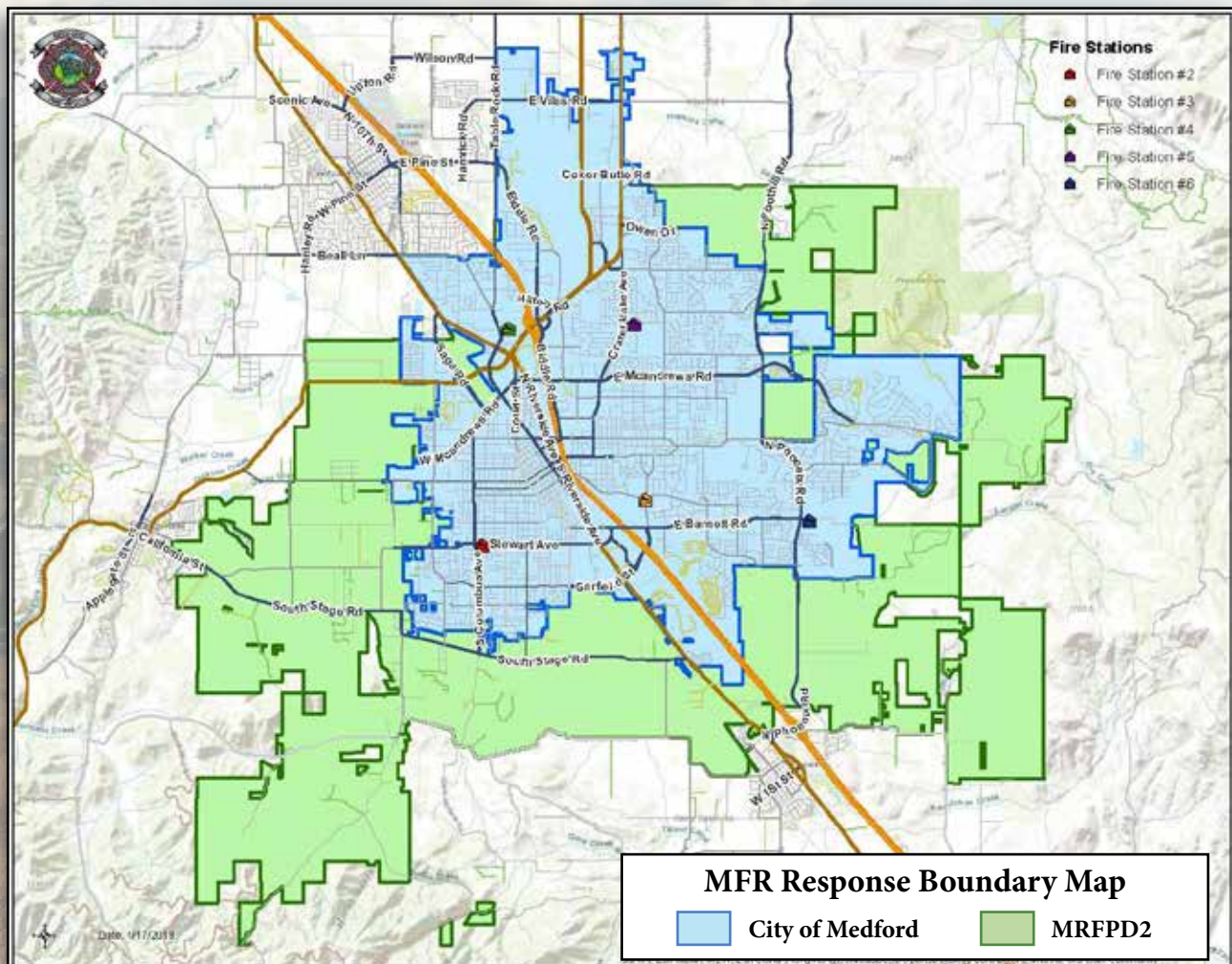


MRFPD2 Board of Directors

From Left: Joe Brooks, Dan Marcisz, Jack Tait, Lisa Sandrock, & Bill Riggert

Medford Fire-Rescue has provided fire protection to Medford Rural Fire Protection District 2 (MRFPD2) under contractual agreement since 1952. District 2 covers more than 30 square miles and is home to over 11,000 residents. Through our partnership, MFR provides administrative services, emergency dispatch, firefighting personnel, emergency medical response, a regional hazardous materials team, heavy rescue, and life safety services. Additionally, our Fire and Life Safety Division conducts public education, building safety inspections, new construction plans review, and fire investigations. All of these services are enhanced through mutual aid agreements with neighboring fire authorities.

MRFPD2 owns approximately 50% of MFR's fire apparatus and funds a portion of firefighting equipment, firefighter training, and medical equipment. The current 10-year contractual agreement is renewable in 2027. Our long-term partnership has been mutually beneficial for both parties and improves the service we provide to the members of our community.





MRFPD2's funds help make it possible for the department to build a new training structure at Fire Station 4 in 2019. Construction of the structure cost approximately \$400,000. The building is an addition to the existing training tower and was dedicated to Duane Venekamp, who served as a member of the MRFPD2 Board from 1973-2015. For more information on the training building, see page 34.



Residents of MRFPD2 are provided with free address signs upon request. The signs make it easier for fire-fighters to quickly find a property during an emergency, especially if the property is only accessible by private roads or driveways and can't be seen from the public road.



MRFPD2 mailed over 4,300 burn permits and more than 8,700 newsletters to residents in 2019.



In October 2019, a new wildland pumper purchased by MRFPD2 was delivered to the department and added to the apparatus fleet. This Type III engine cost approximately \$356,000 and is currently housed at Station 2. For more information on the pumper, see page 37.

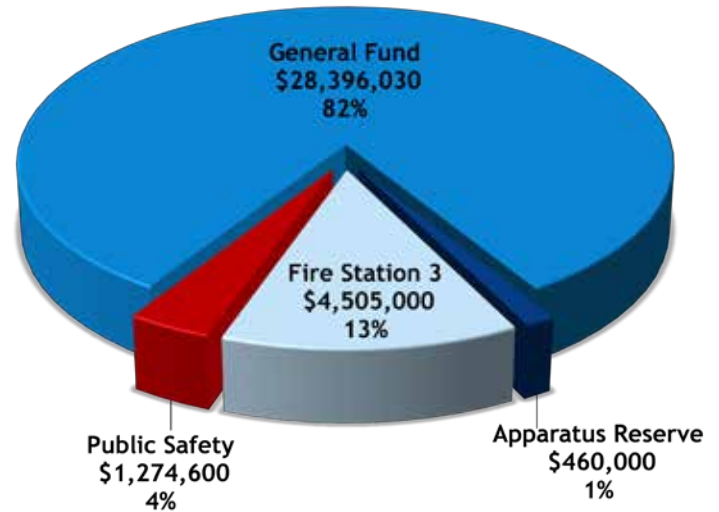
BIENNIAL 2018-2019 BUDGET

Total Budget Resources \$34,635,630

Resources

General Fund*	\$28,396,030
Fire Apparatus Reserve Fund	\$460,000
Fire Station 3 Capital Improvement Project	\$4,505,000
Public Safety Fund	\$1,274,600
TOTAL	\$34,635,630

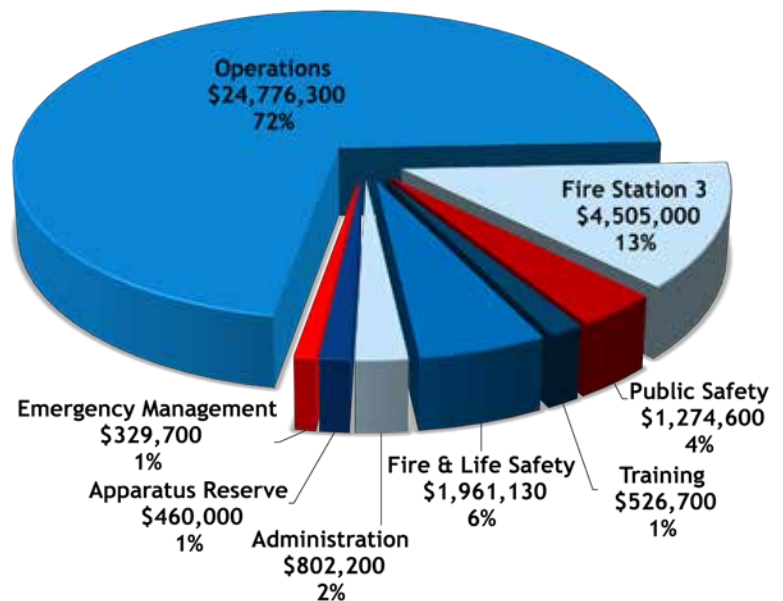
*General Fund includes MRFPD2 annual contractual obligation (\$3,274,999 of total biennial resources)



Total Expenditures \$34,635,630

Expenditures

Operations	\$24,776,300
Fire Station 3 Capital Improvement Project	\$4,505,000
Public Safety Fund	\$1,274,600
Training	\$526,700
Fire & Life Safety	\$1,961,130
Administration	\$802,200
Fire Apparatus Reserve Fund	\$460,000
Emergency Management	\$329,700
TOTAL	\$34,635,630



Total City Operating Budget	\$297,394,490
City 2019 Estimated Assessed Value	\$7,645,533,000

SUPPORT STAFF

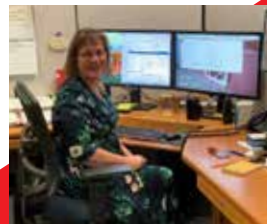


MFR's administrative support staff is comprised of three full-time and four part-time employees, including the administration manager. Most of the support staff are located at MFR Headquarters, which is in the Lausmann Annex, near Medford's City Hall. Successful communication with the public, firefighters, and other city departments is paramount and our staff members handle a variety of tasks for the department in order to accomplish this goal. Each member of the support staff is also assigned individual tasks, assisting different divisions within MFR, as well as other City departments.



SUPPORT STAFF RESPONSIBILITIES:

- Assisting the public with information
- Budgeting
- Liaison for MRFPD2
- Accounts payable
- Purchasing
- Payroll & Human Resources
- Arranging training events
- Coordinating public & department events
- Statistical research & analysis
- Issuing burn permits
- Records retention
- Mapping emergency response zones
- Maintaining various databases
- Fulfilling records requests
- Scheduling inspections
- Ordering & delivering supplies
- Accident & injury reporting
- Creating public documents & publications



MEDFORD FIRE-RESCUE FACILITIES



HEADQUARTERS

200 South Ivy Street, Room 180
Medford, OR 97501



FIRE STATION 2

1107 Stewart Avenue
Medford, OR 97501



FIRE STATION 3

534 Highland Drive
Medford, OR 97504



FIRE STATION 4

2208 Table Rock Road
Medford, OR 97501



FIRE STATION 5

2124 Roberts Road
Medford, OR 97504

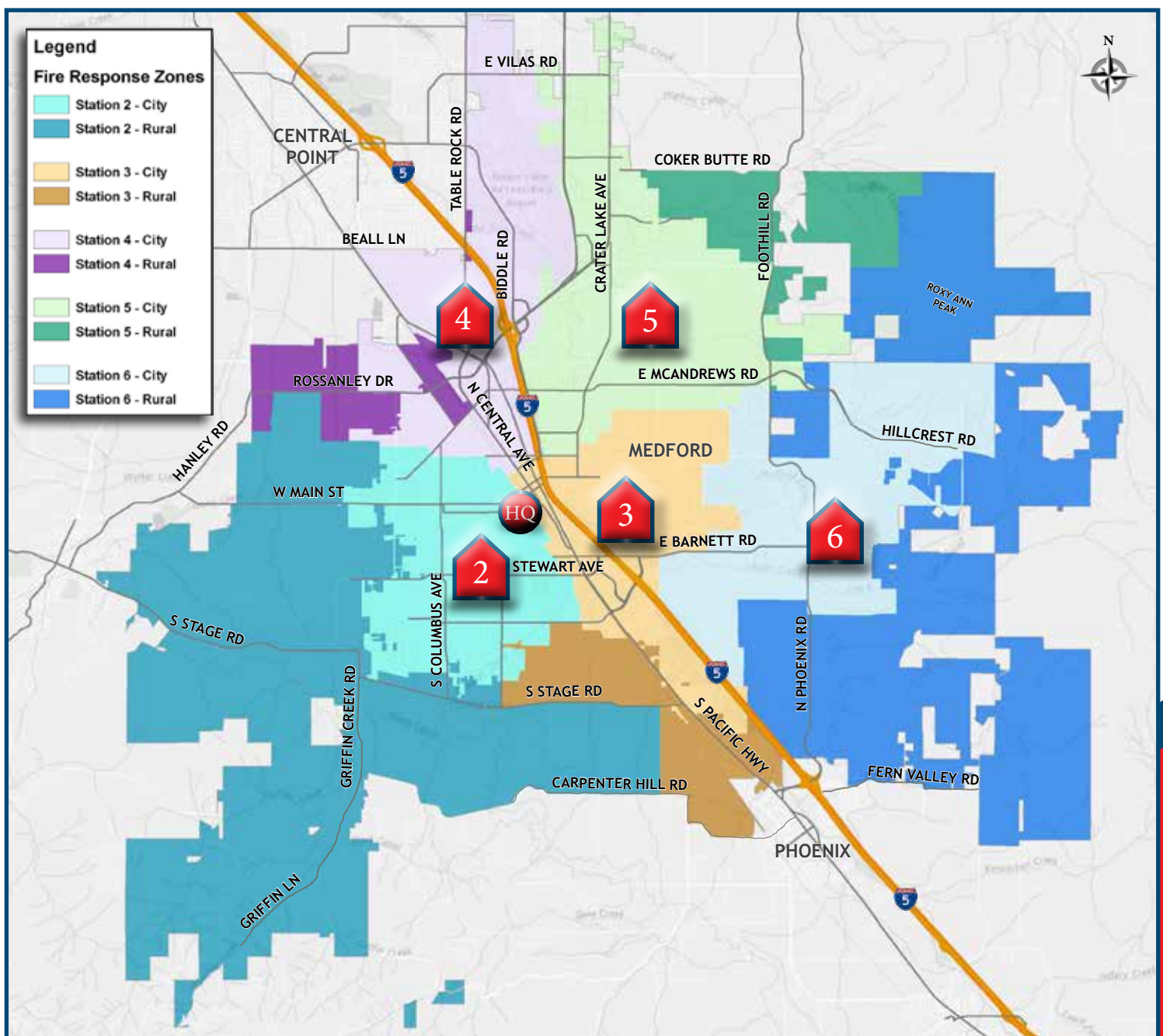


FIRE STATION 6

3700 Barnett Road
Medford, OR 97504

FIRE STATION MAP

Medford Fire-Rescue has five fire stations strategically placed throughout the City of Medford. Proper positioning of the stations ensures efficient distribution of the available emergency response resources. All of our fire stations are assigned first response zones. Each station's defined first response zone covers both area within the city limits and area in the rural district. If an emergency takes place in a particular station's zone and that station's fire crew is closest and available to respond, then that is the crew that will be dispatched. However, if another station's crew happens to be closer to the emergency (an example would be if they are driving through the area), then that crew would be dispatched instead, regardless of first response zone.

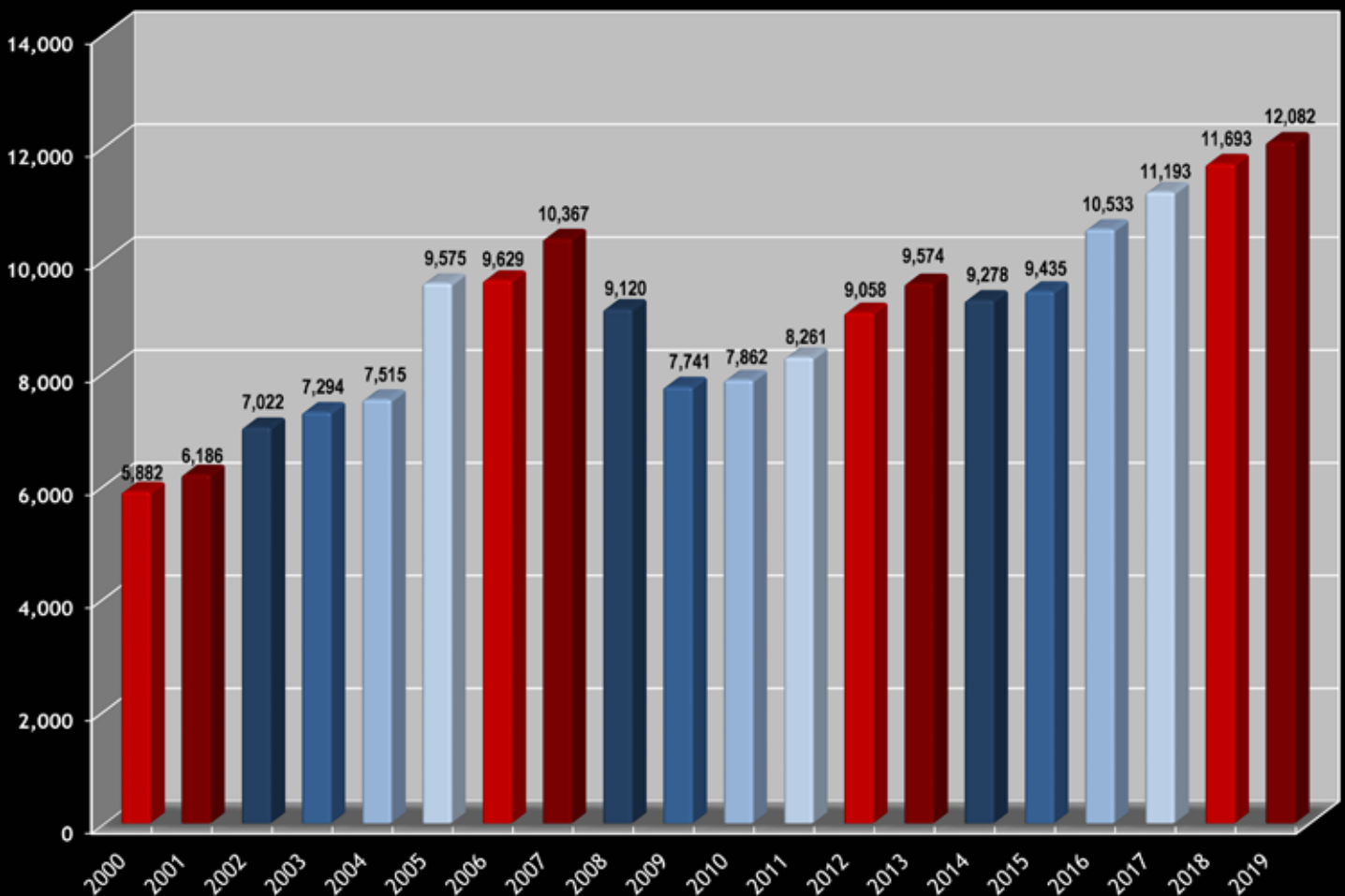


EMERGENCY RESPONSES

MFR contributes to the mission of protecting our citizens by responding to calls for service within the City of Medford and MRFPD2. Most calls for service are for emergencies such as structure fires, medical emergencies, vehicle accidents, hazardous material incidents, and other life-threatening situations. We also respond to a variety of non-emergent situations which involve assisting our citizens during their time of need. From the time of dispatch, our goal is to be on-scene within five and a half minutes in our urban area, and within nine minutes in our rural area, 90% of the time. All of our firefighters possess Emergency Medical Technician (EMT) certification and 32 are certified paramedics. This allows us to provide the best care possible to our citizens in need of medical attention.

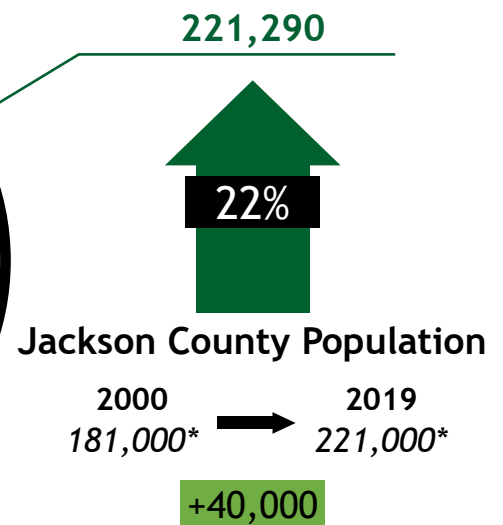
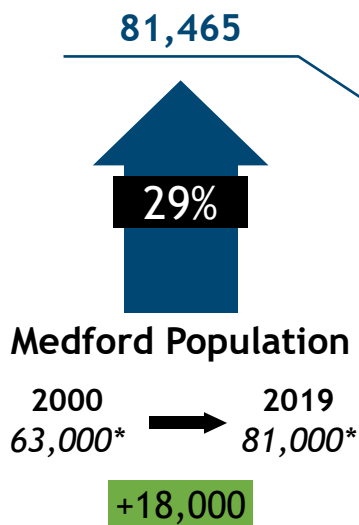


Medford Fire-Rescue 20 Year Incident Count



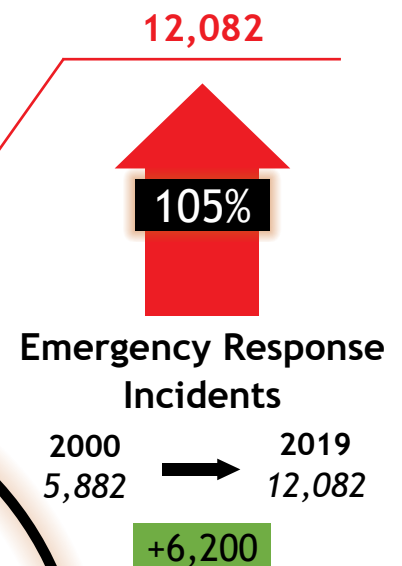
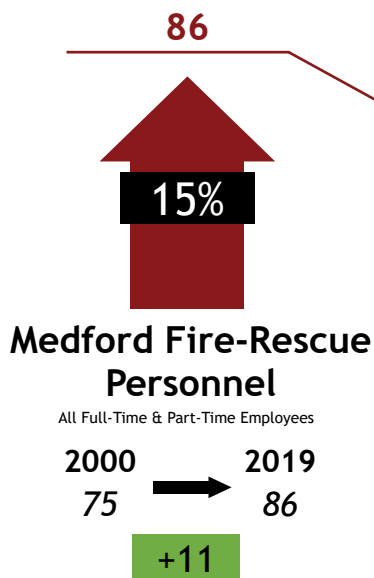
20 Years of Population, Staffing, & Incident Growth

2019



* number rounded to the nearest thousand

Population Sources: Portland State University Population Research Center & U.S. Census Bureau



What a Difference a Year Makes
2018 vs 2019

	2018	2019	% Change
City Population	80,375	81,465	+1%
County Population	219,200	221,290	+1%
MFR Personnel	86	86	0%
Emerg. Responses	11,693	12,082	+3%

EMERGENCY RESPONSES

CODE 3 RESPONSE TIME GOALS - CITY LIMITS

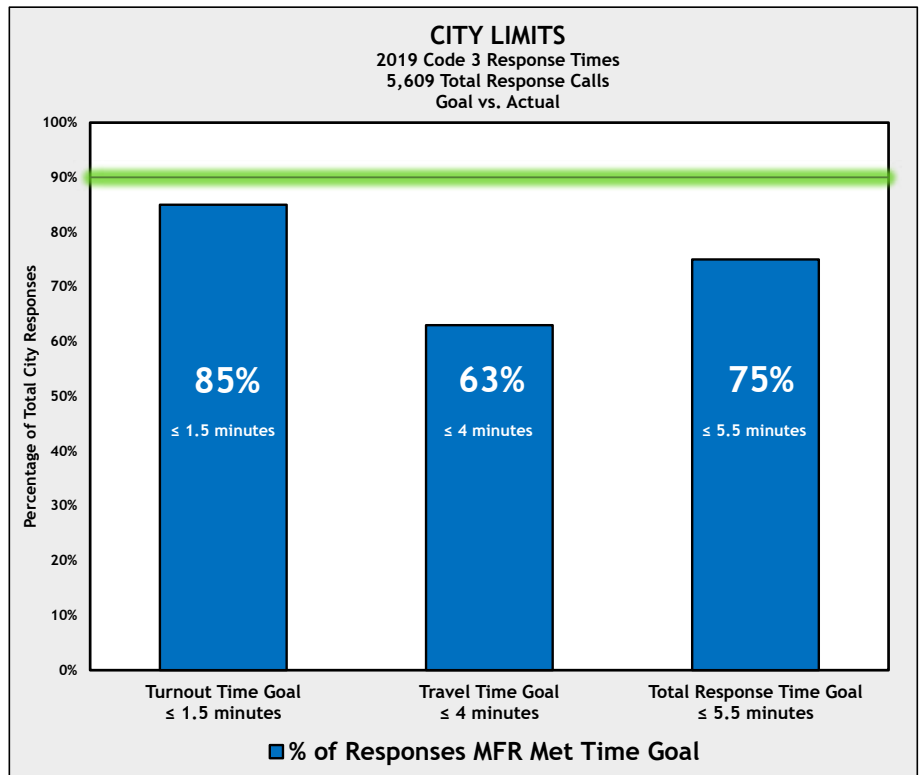
Code 3 is an emergent response requiring lights and sirens

Number of Code 3
Responses for 2019:

5,609

Responses Needed to Meet
OVERALL TIME GOALS:
(90% of Responses):

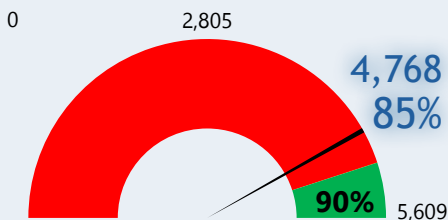
≥5,048



Overall Goal
≥90% of Total Responses (≥5,048)

Turnout Time
Goal ≤1.5 Minutes

Time begins when notification is received from dispatch and ends when the responding unit notifies dispatch that they are en route to the emergency. During this time, crews cease all other activities and put on appropriate protective gear and board the fire apparatus. Once they begin traveling toward the location, the en route notification to dispatch is made.

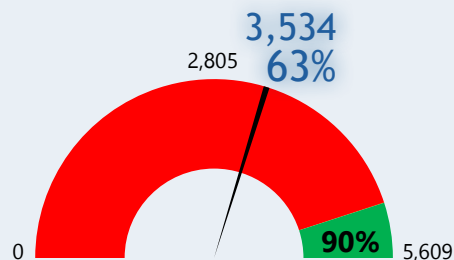


of Responses Goal Was Met: 4,768
% of Responses Goal Was Met: 85%
of Responses Goal Not Met: 841
% of Responses Goal Not Met: 15%

Overall Goal Not Achieved

Travel Time
Goal ≤4 Minutes

Time starts when the responding unit notifies dispatch that they are en route and ends when the unit notifies dispatch that they have arrived on-scene.



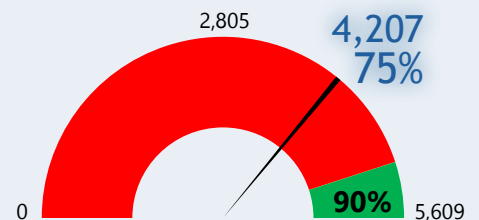
of Responses Goal Was Met: 3,534
% of Responses Goal Was Met: 63%
of Responses Goal Not Met: 2,075
% of Responses Goal Not Met: 37%

Overall Goal Not Achieved

Total Response Time
Goal ≤5.5 Minutes

Total length of time between notification being received from dispatch and unit arriving at the location of the emergency.

*Total response time does not necessarily equal turnout time plus travel time because each category of data is derived from a different group of calls.



of Responses Goal Was Met: 4,207
% of Responses Goal Was Met: 75%
of Responses Goal Not Met: 1,402
% of Responses Goal Not Met: 25%

Overall Goal Not Achieved

CODE 3 RESPONSE TIME GOALS - RURAL DISTRICT

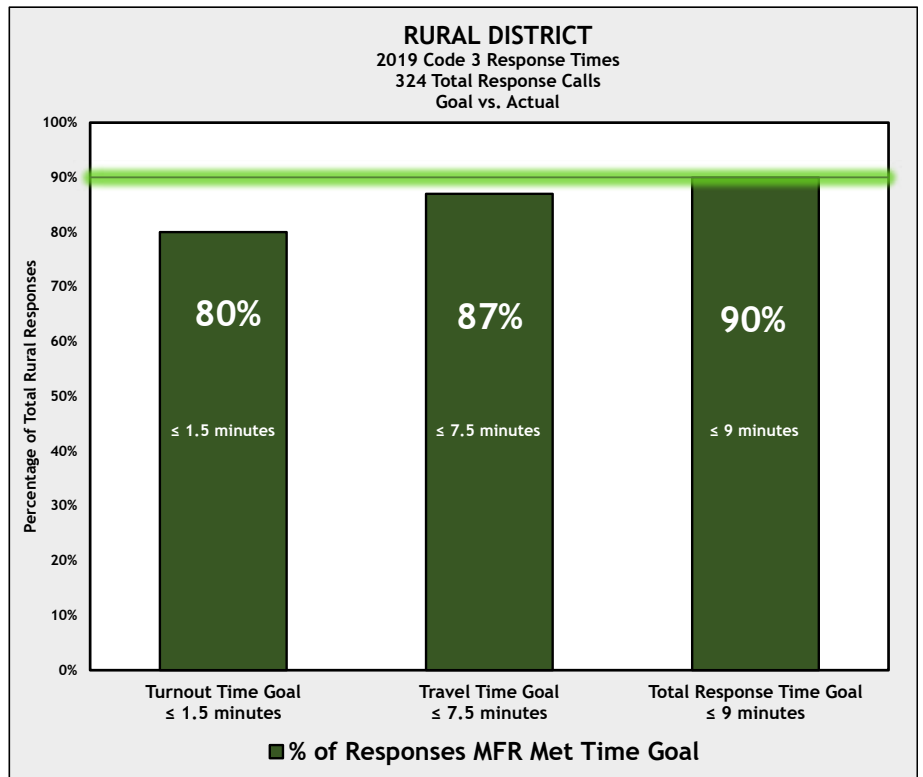
Code 3 is an emergent response requiring lights and sirens

Number of Code 3
Responses for 2019:

324

Responses Needed to Meet
OVERALL TIME GOALS:
(90% of Responses):

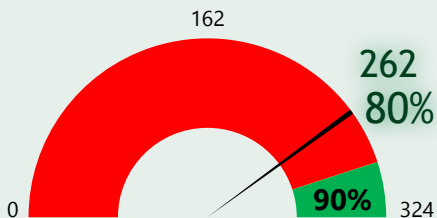
≥292



Overall Goal
≥90% of Total Responses (≥292)

Turnout Time
Goal ≤1.5 Minutes

Time begins when notification is received from dispatch and ends when the responding unit notifies dispatch that they are en route to the emergency. During this time, crews cease all other activities and put on appropriate protective gear and board the fire apparatus. Once they begin traveling toward the location, the en route notification to dispatch is made.

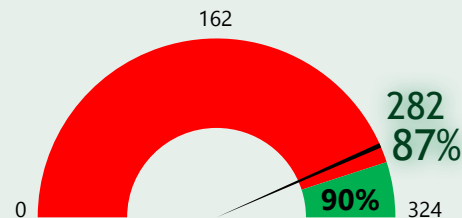


of Responses Goal Was Met: 262
% of Responses Goal Was Met: 80%
of Responses Goal Not Met: 62
% of Responses Goal Not Met: 20%

Overall Goal Not Achieved

Travel Time
Goal ≤7.5 Minutes

Time starts when the responding unit notifies dispatch that they are en route and ends when the unit notifies dispatch that they have arrived on-scene.



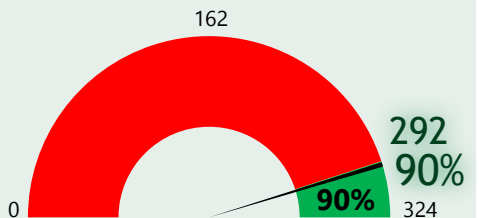
of Responses Goal Was Met: 282
% of Responses Goal Was Met: 87%
of Responses Goal Not Met: 42
% of Responses Goal Not Met: 13%

Overall Goal Not Achieved

Total Response Time
Goal ≤9 Minutes

Total length of time between notification being received from dispatch and unit arriving at the location of the emergency.

*Total response time does not necessarily equal turnout time plus travel time because each category of data is derived from a different group of calls.



of Responses Goal Was Met: 292
% of Responses Goal Was Met: 90%
of Responses Goal Not Met: 32
% of Responses Goal Not Met: 10%

Overall Goal Achieved

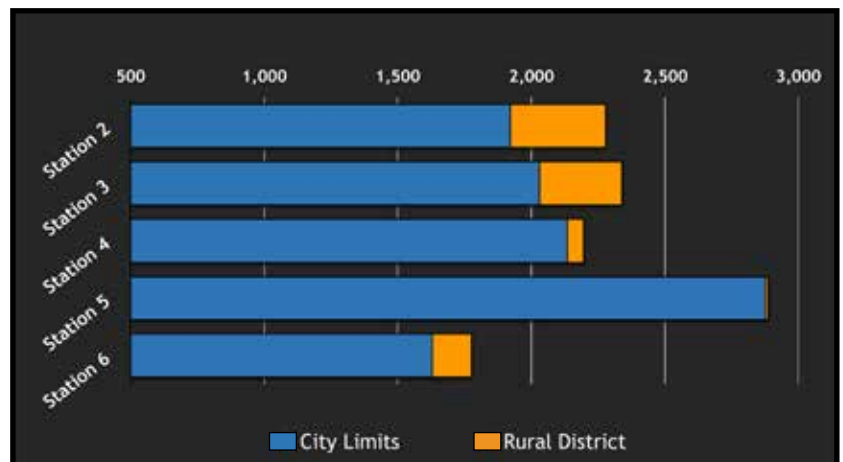
EMERGENCY RESPONSES



2019 Incident Responses by Station First Response Zones

12,082 Responses in 2019
(includes 607 mutual aid responses)

FIRE STATION	RESPONSE LOCATION	
	CITY LIMITS	RURAL DISTRICT
Station 2 2,278 Responses	1,921 84%	357 16%
Station 3 2,340 Responses	2,031 87%	309 13%
Station 4 2,196 Responses	2,135 97%	61 3%
Station 5 2,886 Responses	2,876 99.7%	10 0.3%
Station 6 1,775 Responses	1,629 92%	146 8%

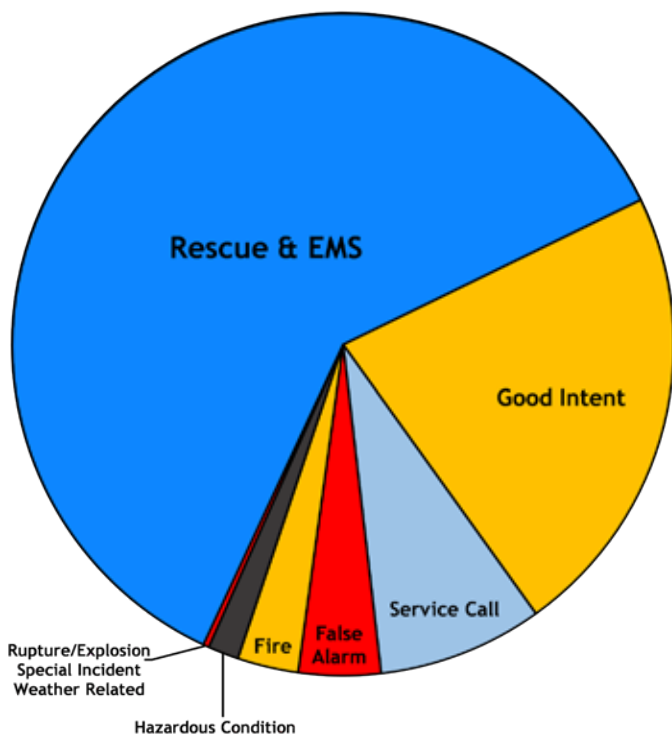


Station 5's first response zone had the most incident responses, receiving nearly ¼ of all responses:

Station 2	19%	Station 5	24%
Station 3	19%	Station 6	15%
Station 4	18%	Mutual Aid	5%

2019 Incident Responses by Type

12,082 Calls for Service



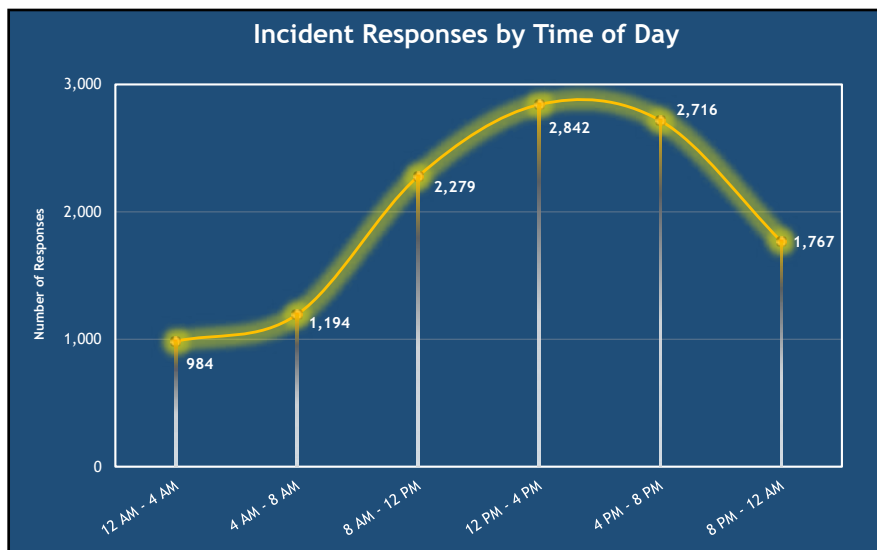
Incident Type	# of Responses	% of Total
Rescue & EMS	7,352	60.85%
Good Intent	2,694	22.3%
Service Call	975	8.07%
False Alarm	485	4.01%
Fire	360	2.98%
Hazardous Condition	182	1.51%
Rupture/Explosion	14	0.12%
Special Incident	10	0.08%
Weather Related	10	0.08%

Medical Responses by Type	# of Responses	% of Total
Medical Assist	4,127	56.1%
Rescue/EMS	2,610	35.5%
Motor Vehicle Collision	578	7.9%
Standby/Other Rescue & EMS	37	0.5%

Fire Responses by Type	# of Responses	% of Total
Vegetation/Wildland	114	31.7%
Structure	95	26.4%
Rubbish/Dumpster	68	18.9%
Vehicle	33	9.2%
Cooking	24	6.7%
Other	19	5.3%
Chimney/Flue	7	1.9%



EMERGENCY RESPONSES

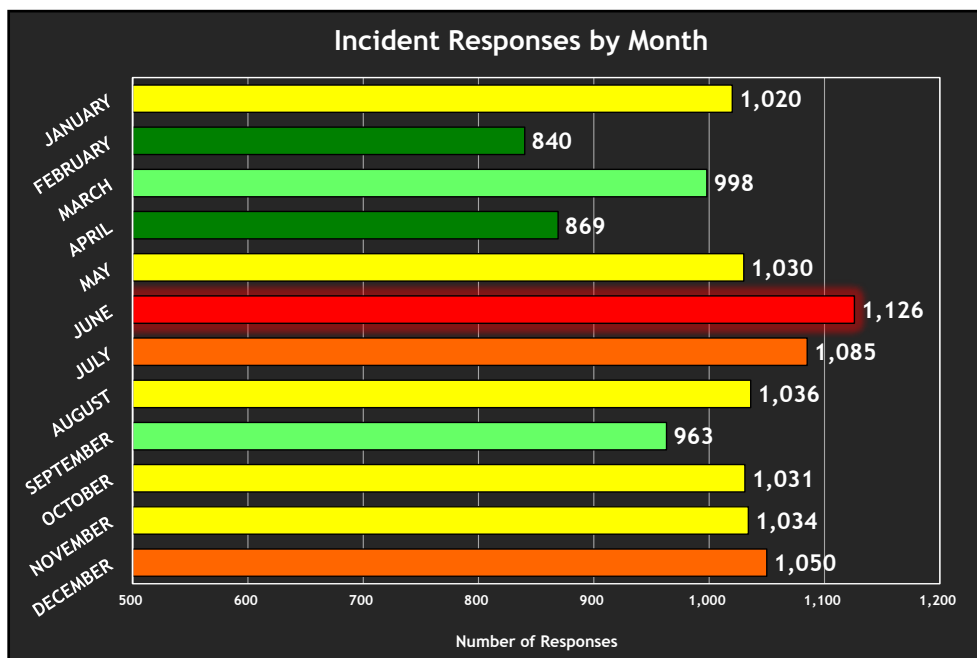
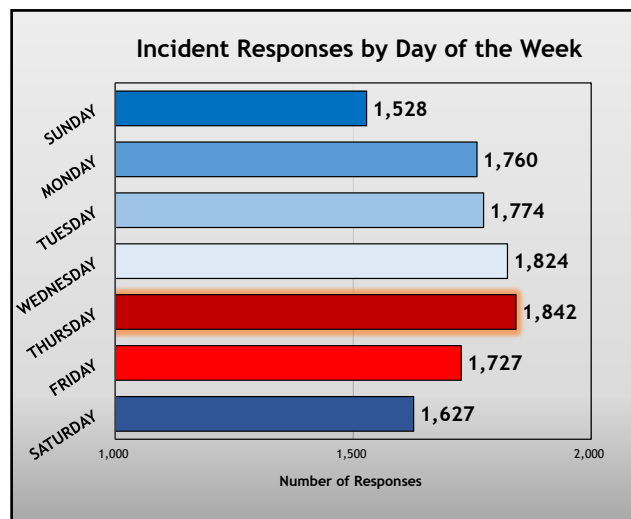


**2019's
HIGHEST # OF INCIDENTS**

Hour: 4-5 PM
Day: Thursday
Month: June

**LAST YEAR'S
HIGHEST # OF INCIDENTS**

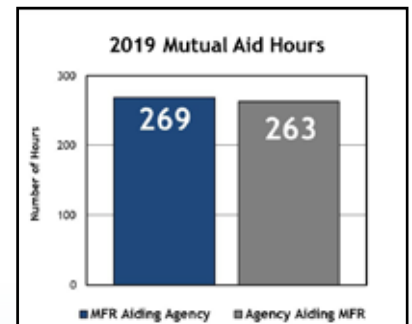
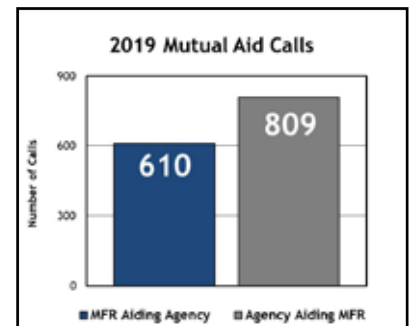
Hour: 3-4 PM
Day: Friday
Month: July



Mutual aid and automatic aid play vital parts in providing proficient public safety to the community. Through agreements with other fire agencies in Southern Oregon, fire departments are able to lend assistance to each other during emergencies that might exceed local resources, such as structure fires or mass casualty events. With the fire departments working together in this way, response times are decreased and emergencies can be handled with greater efficiency. Southern Oregon has a very effective system in place with more than 20 fire departments being part of the mutual aid agreement. Medford Fire-Rescue most often provides and receives mutual aid from neighboring Jacksonville Fire Department and Jackson County Fire Districts 3 and 5.



Mutual Aid Agency		MFR to Agency	Agency to MFR
Jacksonville	Calls	12	84
	Hours	2	27
JCFD3	Calls	522	414
	Hours	210	109
JCFD5	Calls	76	311
	Hours	57	127
TOTAL CALLS		610	809
TOTAL HOURS		269	263



WILDFIRE DEPLOYMENTS

The 2019 wildfire season was one of the mildest seasons in recent years. Less than 80,000 acres burned in Oregon as opposed to almost 900,000 acres in 2018. California also experienced significantly less damage with approximately 260,000 acres burned in 2019 instead of the nearly 1.9 million that burned in 2018. MFR provided aid during the East Evans Fire in Oregon in August and the Kincade Fire in California in October. The dedication and joint efforts of numerous fire agencies saved many lives, homes, and structures from the fires.

Expenses incurred by MFR during the conflagrations are reimbursed by Oregon/California.



EAST EVANS

Approximate Location:	Shady Cove, OR
Date Fire Started:	August 2
Cause:	Human
Acres Burned:	155
Injuries:	1 (Firefighter)
Fatalities:	0
MFR Personnel Deployed:	1
Total Personnel Hours:	15

The East Evans Fire was initially reported as a structure fire on the 18000 block of East Evans Creek Road, but it quickly spread onto several acres of land. Multiple agencies, including MFR, provided aid to the Oregon Department of Forestry and the fire was successfully contained at 155 acres within a week.





KINCADE

Approximate Location:	Geyserville, CA
Date Fire Started:	October 23
Cause:	Under Investigation
Acres Burned:	77,758
Injuries:	4 (Firefighters)
Fatalities:	0
MFR Personnel Deployed:	5
Total Personnel Hours:	769

The Kincade Fire started near Geyserville, CA and continued to burn south in Sonoma County, quickly becoming California's largest wildfire for 2019. MFR provided aid by protecting structures in the Healdsburg and Windsor areas. The fire destroyed 374 structures and another 60 were damaged before being fully contained on November 6.

Sources used for fire data:
 InciWeb- Incident Information System (inciweb.nwcg.gov)
 Oregon Department of Forestry (oregon.gov/ODF)
 SWOFIRE (swofire.com)
 Cal Fire (fire.ca.gov)
 National Interagency Fire Center (nifc.gov)



TRAINING & SAFETY



Tom McGowan
Battalion Chief
Training & Safety

For firefighters, ongoing training is imperative to maintaining consistent and proficient performance, especially while working under stressful conditions. Continual training ensures personnel are sufficiently prepared for any kind of emergency that occurs. Having the skill set needed to react quickly and effectively to an emergent situation is crucial, and by constantly practicing these skills, safety for both civilians and firefighters is increased. Crews regularly participate in fire-rescue and emergency medical services (EMS) training, with numerous hours being dedicated to mandatory annual training, testing, refresher courses, physicals, and various recertification courses.

The Training and Safety Division coordinates all training for MFR, including travel arrangements for training events outside of the Rogue Valley. Training records must be maintained for each employee and the division manages all ongoing training. Overseeing the department's safety program is another of the division's main responsibilities. The safety committee reviews all injuries, accidents, exposures, and near miss reports to reduce future incidents and increase personnel safety. Utilizing the training and safety committees allows MFR to develop and deliver progressive training programs to personnel with a focus on safety and efficiency.

2019 Achievements & Accomplishments

15,000+ Hours of Training Completed

↑ **20%** compared to last year

Biannual DPSST Recertification

MFR completed the biannual recertification process with the Department of Public Safety Standards and Training (DPSST). This process reviewed our required training hours for each employee for both state and national certifications. MFR's training records and in-house training processes were also reviewed to ensure they meet state and national standards. MFR was recognized as one of the leading professional fire organizations in the state for the number of certifications our personnel achieved and for our record keeping process.

32+ firefighters received DPSST professional qualifications and certifications for wildland firefighting.

New Training Structure Constructed

Construction of the new training building was completed at Station 4 in July.

35 personnel certified or recertified to the National Fire Protection Association (NFPA) Aerial Apparatus Operator standard (for operating MFR's aerial ladder truck).

9 personnel placed on the promotional list for the position of Engineer. The promotional process was conducted in April.

Active Threat Event Training

MFR partnered with Medford Police to train collectively on active threat incident management, treatment, establishing a collection location for the injured, and determining a plan for transport. Training took place at North Medford High School and focused on joint-management efforts between Fire and Police to provide the quickest, safest treatment possible for victims.



2019 Training Calendar Quarterly Highlights

January - March

Advanced Cardiac Life Support (ACLS) for Paramedics
Hydraulic Refresher/Pumper Review
Engineer Training
Clinical Skills Evaluations
SCBA Training
Multi-Agency Drill - 1st & 2nd Due
Engine Operations Certifications

April - June

Active Shooter Response
Medical Emergency EMS Training
Wildland Refresher & Fire Season Review
Firefighter Safety/Cancer Awareness
Stress First Aid (SFA)

July - September

Stress Awareness & Resiliency
Infection Control
Vertical Ventilation
Laryngoscope Training
HazMat Awareness & Operations
ACLS for Intermediates

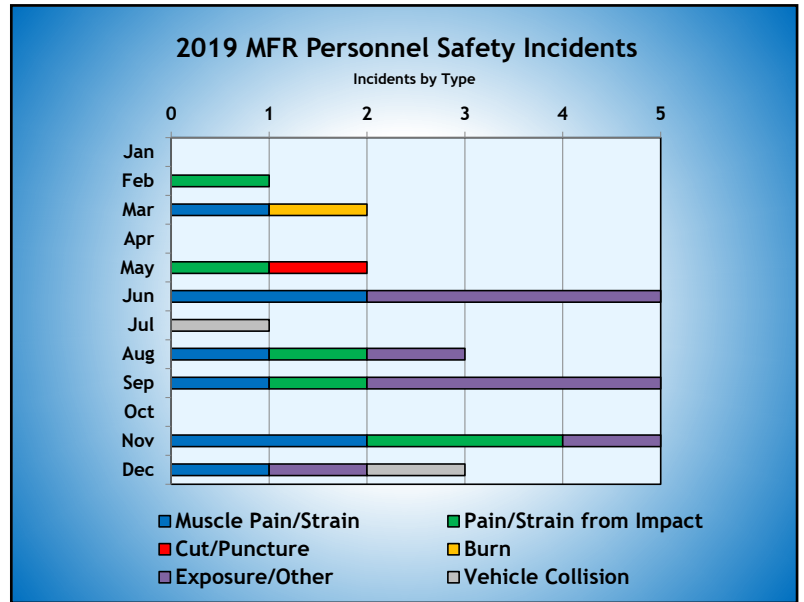
October - December

Company Inspector Course
Direct On-Scene Education (DOSE)
Stress First Aid
Pediatric Advanced Life Support (PALS) for Intermediates
Motor Vehicle Collision (MVC) Extrication
Live-Fire Training

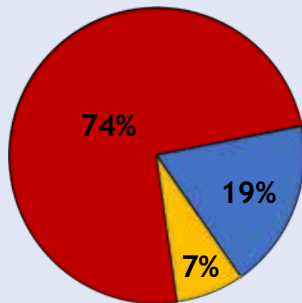


TRAINING & SAFETY

2019 Safety Report



27 Total Incidents



- Injury 20
- Exposure 5
- Vehicle Collision 2



Vehicle Collisions

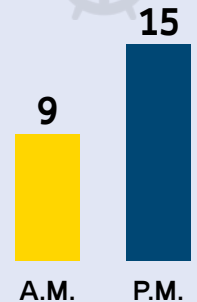


1 collision involved a civilian vehicle rear-ending a Deputy Fire Marshal's (DFM) vehicle

1 collision occurred when a fire engine's bumper made contact with a post while attempting to access a building



Time of Day



*Progressive hearing loss and lung/airway injury excluded

All **5 exposure** incidents occurred during medical calls (3 personnel were exposed to bed bugs and 2 personnel were exposed to bodily fluids)



Injuries



5
BACK



3
HAND/
FINGER



3
SHOULDER



2
ARM/
WRIST



2
NECK



2
KNEE



2
EARS
(HEARING)



2
LEG/
ANKLE



1
LUNGS/
AIRWAY

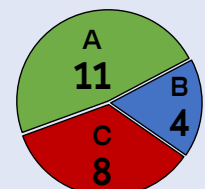


1
HEAD/
FACE

20 injury incidents were reported by personnel in 2019. Some injuries affected more than one part of the body.



Incidents by Shift



*Progressive hearing loss, lung/airway injury, and DFM vehicle collision excluded

Emergency Medical Services

Medford Fire-Rescue provides EMS on a daily basis and during citywide special events. All MFR responders are trained to EMT (Emergency Medical Technician) Basic, EMT Advanced, EMT Intermediate, and Paramedic service levels to meet the needs of the citizens of Medford and the surrounding community. MFR staffs every engine company with a paramedic, as we are often the first to arrive on-scene for a medical emergency. MFR engine companies are equipped with advanced life support (ALS) equipment and medication to treat all emergent medical needs. We provide ALS care at special events throughout the city and during large-scale wildland fire incidents. Our personnel also train in tactical emergency casualty care (TECC) to learn how to effectively care for patients in the event of an active shooter or an active threat situation. MFR even has a specialized team of SWAT Medics available to provide emergent medical care during SWAT Team callouts. We utilize an EMS Committee made up of members from the department to help oversee the administration, training, and delivery of quality patient care.



MFR UNIFORMED PERSONNEL CERTIFICATION STATUS

CERTIFICATION	# OF PERSONNEL	OVERALL %
EMT BASIC	13	18%
EMT ADVANCED	1	1%
EMT INTERMEDIATE	27	37%
PARAMEDIC	32	44%

Training at the Original Fire Station 2



Firefighters had the opportunity to do some ventilation training on the original Station 2 in August. It was known originally as the West Side Station and was built in 1952 on W. 8th St. It remained in use until the new Station 2 was completed in 2017 on Stewart Ave. A local youth ministry purchased the vacant property with plans to build a new youth center and they offered to let MFR train before any demolition began. Although it was bittersweet to be using chainsaws on the historic structure's roof, it was a chance for MFR firefighters to reminisce and say farewell to the station that many of them had called home.







New Training Structure



Construction began on the department's new training structure in the spring of 2019 and was completed by mid-July. The total cost of the project was approximately \$400,000 and was funded through the partnership between the City of Medford and Medford Rural Fire Protection District 2 (MRFPD2). The 3,000 square foot building was built as an addition to the existing training tower at Fire Station 4. It can be used to practice a wide range of skills including confined space operations, forcible entry, rope rescue, and fire suppression tactics. Inside the structure, there are a number of movable walls which allow firefighters to practice their training scenarios in a variety of floor plans. Adding this structure to our training grounds enhances our quality of training and will improve our firefighters' readiness, especially when responding to residential fires.



In Memory of Duane Venekamp 1928 - 2015

The training building was dedicated to Duane Venekamp, who served as MRFPD2's Board Secretary and Treasurer from 1973-2015. Venekamp was very passionate about fire-rescue services in our community and he strongly believed in MFR's core values of honor, integrity, and service. The dedication and ribbon-cutting ceremony was held on August 14 and MFR was honored to have the Venekamp family present at the event.

Medford Fire-Rescue's Training Grounds at Station 4

Vehicle Extrication



Shark Cage



Forcible Entry



Ventilation Props



Mitch Building



Training Tower

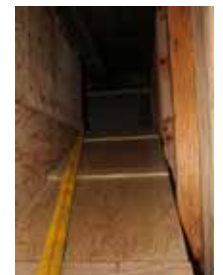


Built in 1969 & Upgraded in 1974
Training Structure Addition Built in 2019

Four-story tower with each level (including the roof) plumbed for Hollywood smoke. All levels in the tower have a door that can be repeatedly set up for forced entry training to various rooms. The tower is also home to the "rat maze", which is a series of dark, narrow corridors and tunnels that the firefighters must navigate their way through.



Rat Maze



The rat maze tunnels are just large enough for a firefighter to crawl through (the photo on the far left shows a firefighter kneeling next to the small opening of the maze).

TECHNOLOGY & LOGISTICS



Justin Keylock

Battalion Chief
Technology & Logistics

The Technology and Logistics Division is responsible for ensuring MFR has up-to-date technology and equipment. The division consists of one battalion chief and one full-time support staff employee. Through research and product testing conducted by the division, the improved technology can be incorporated into the department, enhancing our capabilities. This allows personnel to perform their duties more efficiently and provides members of our community with the best service possible during their time of need.

The division also manages logistics, which are essential when it comes to the department functioning properly. All supplies, equipment, and apparatus must be checked routinely to ensure fire personnel can respond to emergencies immediately and effectively. The division also coordinates the maintenance and repairs of MFR facilities, equipment, and apparatus. Other duties include tracking all inventory and ordering department supplies and uniforms.



LOGISTICS CORE RESPONSIBILITIES

Vehicle Checks

- Front-Line apparatus
- Reserve apparatus
- Support vehicles
- Equipment testing
- Medic units
- Equipment inventory

Protective Gear/SCBA Tracking

- Inspections/cleaning/repairs
- Expiration date alerts
- Replacement schedule

Communication Device Tracking

- Equipment/software upgrades
- Inventory of all devices

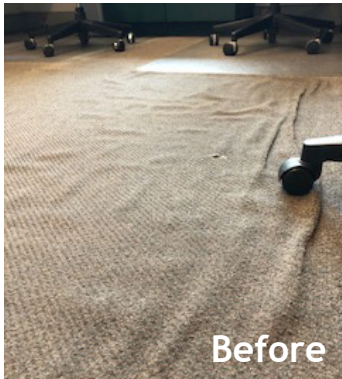
Station Checks

- Supplies
- Special equipment
- Uniforms
- EMS inventories

Fire Station 6 Renovations



Built in 2000, Station 6 was in need of some renovations. Some of the main improvements included the addition of new HVAC units to the bunk rooms, a turnout extractor, and the replacement of the station's failing vinyl tile flooring and carpet.



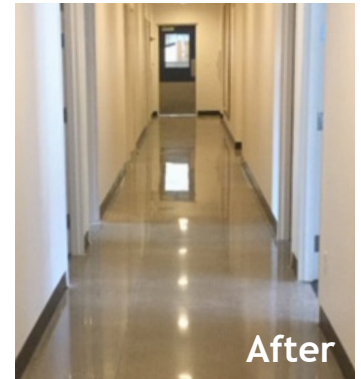
Before



After



Before



After

New Wildland Pumper



Unit 8162 was added to our apparatus fleet in October 2019. The wildland pumper was purchased by MRFPD2 at a cost of approximately \$356,000. Also called a Type 3 engine, this pumper can carry 522 gallons of water and has a pumping capacity of 500 gallons per minute. Its compact size and off-road abilities make it ideal for reaching areas that are inaccessible by other apparatus. This makes it especially useful when fighting wildland fires and responding to other emergencies in rural areas.



PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment (PPE) is a must have when it comes to the dangerous occupation of a fire-fighter. Adhering to NFPA standards, firefighting PPE has been designed to provide protection against hazards such as smoke and toxic gas inhalation, exposure to excessive heat, and injuries caused by collisions or falls. Firefighters are at increased risk for several types of cancer, so it is important to try to limit exposure to carcinogenic agents as much as possible. Providing up-to-date PPE to our personnel protects them and enables them to perform successfully under the most extreme circumstances.

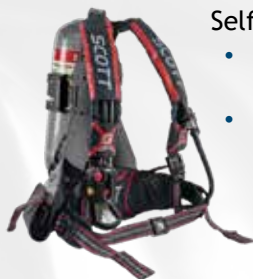


Evolving technology has constantly improved the quality and effectiveness of PPE. Pictured above are a few Medford firefighters circa 1906. At the time, the PPE usually consisted of leather helmets and long coats made of heavy wool or rubber.



BASIC GEAR: 70 pounds

Firefighter Jeremy Nelson



Self-Contained Breathing Apparatus (SCBA)

- Provides breathable air while working in areas immediately dangerous to life and health
- 3 main components:
High-pressure tank
Pressure regulator
Inhalation connection (face mask)



Personal Alert Safety System (PASS Device)

- Incorporated into SCBA
- Used to locate firefighters in distress
- Emits a high-pitched alarm when there is no active movement for a certain length of time
- Can be activated manually if need arises



Thermal Imaging Camera (TIC)

- Allows firefighters to "see" through smoke and dust
- Detects differences in heat signatures
- Useful for checking on overheating equipment or wiring



Turnout Boots

These boots are designed specifically for firefighting and provide superior protection to the feet and legs. While turnouts are not in use, the boots are left standing inside the rolled down turnout pants so that firefighters can quickly step into the boots and pull up the pants when needed.



Bailout System

- Used to provide efficient, safe method to escape a violent fire event
- 3 main components:
Harness
Descending rope
Hook

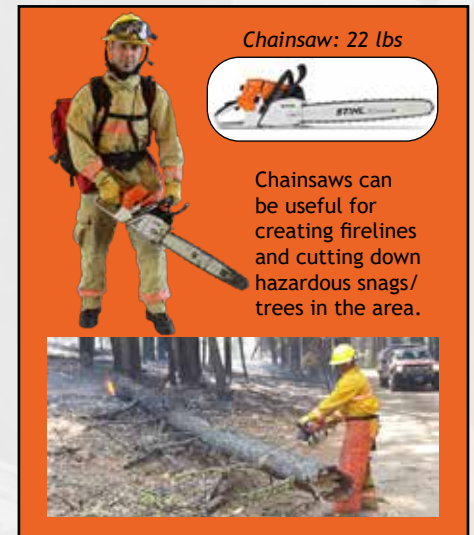
PERSONAL PROTECTIVE EQUIPMENT

WILDLAND GEAR: 75-90 pounds

Engineer Marc Trautz



Fire crews use rogue tools to dig handlines near the fire's edge to help contain the fire.



A Last Resort

Fire shelters can be used as a last resort when firefighters become trapped by wildfire. Made from materials such as aluminum foil and fiberglass, the shelters can briefly protect against convective heat, reflect radiant heat, and trap breathable air for the firefighters.



TCCC GEAR: 40 pounds

Captain Chuck Glose



Tactical combat casualty care (TCCC) gear is used when responding to an active shooter or active threat event and provides ballistic protection for first responders while treating patients.



The TCCC trauma bag contains extra medical supplies that are capable of effectively treating patients who have sustained penetrating trauma injuries (tourniquets, decompression needles, combat gauze, etc.).

Ballistic helmets and body armor are designed to protect the head and vital organs. The equipment MFR uses has a National Institute of Justice (NIJ) IIIA rating, which means they are able to stop handgun ammunition up to .357 SIG and .44 Magnum.



HIGH-RISE FIRE RESPONSE TEAM

The first engine company arriving at a high-rise incident has to face a different set of challenges than a normal response requires. When a structure has multiple stories, it can be difficult to confirm the actual location of the fire until the crew is already inside the building and ascending the floors. To account for this, each crew member is responsible to bring in specific, additional equipment so they can be fully prepared to begin initial fire attack operations as soon as they locate the fire.



High-rise hose pack

Firefighter
Gear: 125 pounds



New York 6' Hook with chisel end for prying

Additional axe

Irons

Captain
Gear: 110 pounds



Green line dead lay

Traditional fire axe

Engineer
Gear: 120 pounds

High-rise Hose Pack

- 50' of hose
- Nozzles/adapters
- Weight: 55 lbs

Hose bundle containing fire attack hose and extra nozzles/adapters. High-rise buildings have standpipes that extend up through the structure to supply water to the various floors in case of fire. The firefighters are able to connect hoses to the outlets in the standpipes, which are usually located in stairwells.



Halligan Tool & Axe (Irons)

- Used to gain access through doors, walls, etc.
- Halligan - multipurpose tool used for prying/twisting/punching/striking
- Halligan and axe can be partially interlocked
- Weight: 22 lbs

The Halligan Tool was designed by Chief Hugh Halligan with the New York City Fire Department in 1948 and is still one of the most effective tools available to firefighters.



Green Line Dead Lay

- 100' of hose
- Weight: 35 lbs

Also known as the green line preconnect. Bundle of hose that can be connected directly to the fire apparatus, other water sources, or another hose. Provides 100 feet of reach.



FIRE APPARATUS FLEET



Pumper



Heavy Rescue Pumper



Aerial Ladder Truck



6x6 UTV



Wildland Pumper



Water Tender



Brush Rig



HazMat Truck



Battalion Chief Rig





MESSAGE FROM THE FIRE MARSHAL

plan reviews including 148 associated with construction permits and 197 site development reviews. The FLSD utilizes The Compliance Engine to track inspection/testing/maintenance (ITM) of fire protection systems. The division reviewed 1,952 ITM service contractor reports in 2019. Our jurisdiction currently has a 93% fire protection system compliance rating.

Investigation of fires to determine origin, cause and circumstance is an important aspect of protecting the community. The FLSD investigated 67 out of the 306 fires within MFR's jurisdiction in 2019 (this does not include investigations of minor fires by on-duty firefighters at the Company level). Of the 84 fires involving structures, 71 (84.5%) were unintentional, seven (8.3%) were intentional, and six (7.2%) were undetermined. In 2019, Medford's structure fires caused one civilian fatality, three civilian injuries, and \$1.62M in total losses. Thanks to MFR's emergency responses and suppression efforts, 98.4% of potential losses were saved (over \$99M).

Engagement in mitigation efforts prepares our citizens for potential hazards. In 2019, MFR conducted 169 wildland-urban interface home evaluations to determine home vulnerability and advise homeowners about mitigation strategies. These properties were mapped to provide homeowners and firefighters with useful pre-fire planning information. The FLSD played a key role in the City's recent adoption of ignition-resistant construction requirements for new homes built in wildfire hazard zones and the adoption of new regulations prohibiting wood shake/shingle roofs throughout the City. We also assisted in securing a Community Planning Assistance for Wildfire (CPAW) grant and helped establish Medford's second Firewise USA Community.

MFR worked diligently in 2019 to protect our community from fire and other hazards. We look forward to serving you in 2020 with excellent customer service and an unwavering commitment to safety.

Respectfully,

Greg Kleinberg

Deputy Chief/Fire Marshal

The The Fire & Life Safety Division (FLSD) serves the community through a variety of community risk reduction strategies. These involve enforcement of the fire code, education of the public, engineering oversight of development projects and fire protection systems, investigation of fires, and community engagement focused on mitigating hazards. This proactive action helps prevent tragedies and furthers our vision of making Medford one of the safest communities to live in.

Enforcement of fire codes is essential to ensure buildings and events are operated and maintained safe for occupants and the public. In 2019, Medford Fire-Rescue staff conducted 1,041 compliance inspections in regulated occupancies/premises. These inspections resulted in 677 fire code violations. The FLSD also issued 99 fire code operational permits, reviewed 104 building code permits for fire protection systems, and conducted 321 inspections related to these permits.

Education is an important part of our mission to help the public better protect themselves. In 2019, MFR was involved in at least 277 public education events, reaching over 4,700 people with fire and life safety messages. Our department supports a wide variety of events and programs that make a positive difference. MFR also delivers incident information and fire and life safety messages through media releases, media interviews, and social media posts. The number of Facebook likes increased 8.9% in 2019 to 11,011.

Engineering is an important aspect of community risk reduction. Oversight of development projects and fire protection systems ensures new buildings are constructed with proper fire protection features and these features are maintained in operational condition. In 2019, the FLSD conducted 390

FIRE & LIFE SAFETY



The Fire and Life Safety Division focuses on preventing fires and promoting fire and life safety. Preventing tragedies is our number one priority in an effort to make Medford a safe community where residents can live, work, and play.

FLSD's CORE TASKS:

- Conducting business fire and life safety compliance inspections
- Performing origin and cause fire investigations
- Providing public education encompassing all aspects of fire and life safety
- Issuing fire code permits and conducting related inspections
- Reviewing land development projects for access and water supply requirements
- Conducting plan reviews/inspections for fire protection systems in both new and existing structures

Members of the FLSD are active in the following National, State, and regional groups (some also serve in leadership positions):

- Southern Oregon Fire Code Officials (SOFCO)
- Rogue Valley Chapter International Association of Arson Investigators (RVIAAI)
- Rogue Valley Fire Prevention Cooperative (RVFPC)
- Oregon Fire Marshal's Association (OFMA)
- Oregon State Fire Marshal (OSFM) Fire Code Committee
- Oregon Fire Sprinkler Coalition (OFSC)
- Oregon Life Safety Team (OLST)



- National Fire Protection Association (NFPA)
- Rogue Valley Chapter of the International Code Council (RVICC)

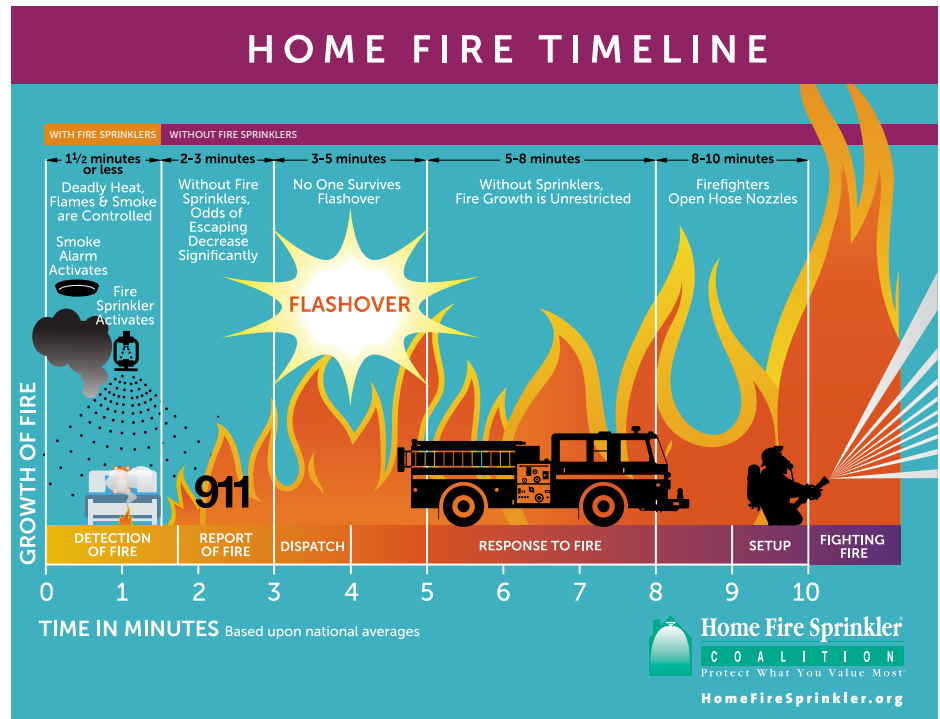
Continuing education is vital for competency recognition and for personnel to keep up-to-date in their fields of expertise. FLSD personnel received over 530 hours of training in 2019. FLSD's qualifications currently include:

- All certified at highest Oregon Fire Code (Fire Inspector) level
- All certified with OSFM Competency Recognition
- All certified NFPA Fire Investigators
- 5 certified International Code Council (ICC) Fire Plans Examiners
- 4 certified NFPA Fire Instructors
- 4 certified NFPA Juvenile Firesetter Interventional Specialist I
- 3 certified Oregon A-Level Plans Examiners
- 3 certified ICC Building Plans Examiners
- 1 certified NFPA Public Fire and Life Safety Educator II
- 1 certified NFPA Juvenile Firesetter Interventional Specialist II
- 1 certified ICC Commercial Building Inspector
- 1 certified ICC Fire Sprinkler Plans Examiner
- 1 certified Professional Engineer

Residential Fire Sprinklers



The FLSD actively promotes residential fire sprinkler systems because they are proven to save lives. A side-by-side fire sprinkler/flashover demonstration is used to display the value of sprinkler systems. The non-protected room experiences full room involvement (flashover) conditions in 3-5 minutes, while the fire sprinkler protected room experiences very little damage. This dramatically shows that, without fire sprinklers, occupants have a very limited time period to evacuate a home before conditions become life-threatening. Having both smoke alarms and an automatic fire sprinkler system significantly increase the occupant's chance of surviving a home fire.



Home structure fires cause **74% of civilian fire deaths and 74% of civilian fire injuries***

Fire sprinklers decrease the fire death rate per 1,000 reported home fires by about **81%****

*Fire Loss in the United States During 2018 & **U.S. Experience with Sprinklers (www.NFPA.org)

MFR Fire Code Enforcement Stats



104 Building Code Permits for Fire Protection Systems Reviewed

1,041 Compliance Inspections

99 Fire Code Operational Permits Issued

321 Permit Inspections

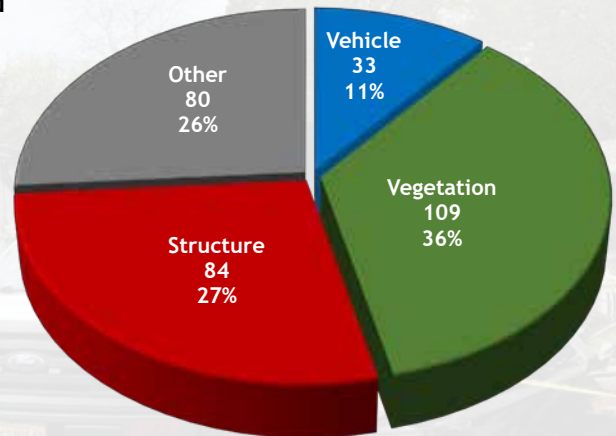
390 Building Plan Reviews

2019's Fire Incidents & Investigations

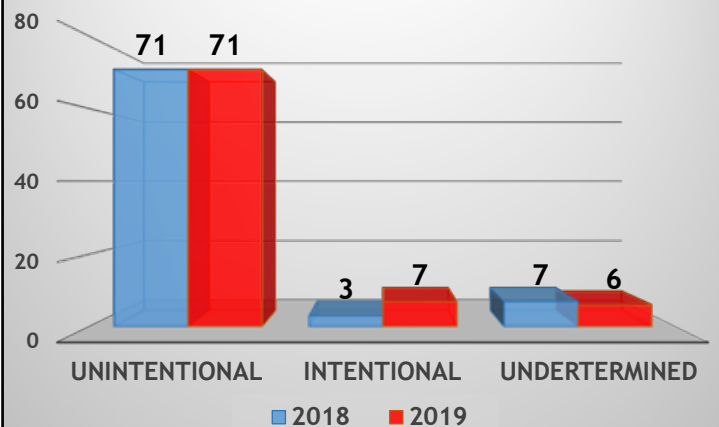
Change
Compared to
2018

↓ 14%	306	Fires in MFR's Jurisdiction
↑ 58%	99	Million Dollars of Potential Losses Saved
↓ 63%	1.62	Million Dollars in Total Losses
↓ 19%	109	Vegetation Fires
↓ 52%	33	Vehicle Fires
↑ 8%	67	Residential Structure Fires
↓ 11%	18	Commercial Structure Fires
↓ 48%	67	Fires Investigated by FLSD (minor fires investigated by on-duty firefighters)
↓ 360%	3	Civilian Injuries
No Change	1	Civilian Fatality

306 Fire Incidents



2018 vs 2019 Structure Fire Investigations



Wildland-Urban Interface & Wildfire Prevention

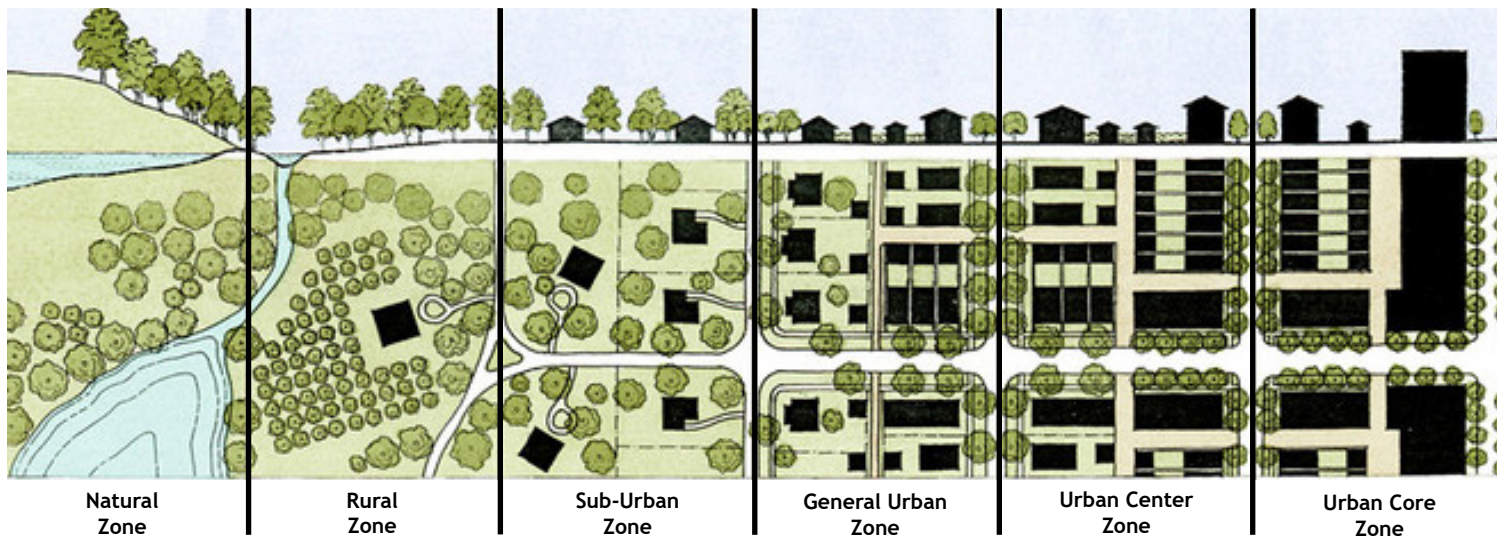


Image courtesy DPZ & Co. (Transect-collection.org)

In our jurisdiction, there are over 2,800 properties located in designated wildfire risk areas. MFR began the Wildland-Urban Interface (WUI) Home Evaluation Program in 2010. The program allows homeowners living in wildfire risk areas to receive free, on-site advice on how to make their properties more resistant to wildfires. The goal is to ensure safe access into and out of the property, reducing ignition hazards around the home, and creating effective defensible space. In 2019, we performed 169 WUI property evaluations.

The FLSD and Medford's Building Department worked together this year to adopt ignition-resistant construction requirements for new homes built in wildfire hazard zones. Our FLSD first introduced the proposed requirements to the State in 2016 as a wildfire mitigation effort. At that time, Oregon had no significant wildfire mitigation residential code requirements for homes built in wildfire hazard zones. In January 2019, after much effort and many public testimonies, the State of Oregon Building Codes Division adopted R327.4 Wildfire Hazard Mitigation for homes built in wildfire hazard zones. The new section is only effective if adopted locally and the City of Medford successfully did so on October 17, 2019. These requirements enhance protection of new homes built in wildfire hazard zones by requiring the use of exterior inherently ignition-resistant materials/assemblies or those that have passed a standardized ignition-resistant test. The codes contain provisions to protect vulnerable areas (attics and underfloor) from being exposed to ember and flame intrusion. The FLSD also worked with the Building Department to adopt an ordinance prohibiting wood shake and wood shingle roofs in the City of Medford. Even if these roofs are initially impregnated with fire retardant, they only have a 10-year rating and lose their fire-resistance over time. The standardized testing conditions for rating these materials do not meet our dry and hot summer climatic conditions.



Working with the Planning Department, the FLSD was able to request a grant from Community Planning Assistance for Wildfire (CPAW) and successfully received a fully funded grant. This grant will help the City develop planning strategies and mitigation efforts, including recommended planning and vegetation ordinances for wildfire hazard zones. The focused assistance funded by the grant is provided for 4-6 months and includes expertise to support key planning topics, a site visit in spring 2020, review of applicable technical materials, and a final deliverable report with findings and recommendations.



Medford's first recognized Firewise USA Community, the Eagle Trace Subdivision, was established in 2016.

This community of 232 homes on the side of Roxy Ann Peak is managed by the Eagle Trace Homeowners Association. In 2019, Medford's second Firewise USA Community was established at Sun Ridge Estates. This community consists of 46 dwelling units, 84 residents, and covers approximately 200 acres in the East hillsides. The FLSD and the Oregon Department of Forestry work with the communities to assess wildfire risks and offer mitigation advice.

PUBLIC EDUCATION & COMMUNITY

Educating the public and being active in the community are essential parts of MFR's mission to increase public safety and fire prevention awareness. We have several programs in place for both children and adults. People of all ages can learn ways to prevent emergencies from happening, while developing valuable skills they can use in the event of an emergency.

Public Education Programs:

- CPR Anytime: Hands-Only CPR
- Fire Extinguisher Classes
- Fire & Life Safety Presentations
- Child Safety Seat Checks
- Youth Fire Intervention & Prevention Program
- Hazard House
- Chamber Leadership Day
- Station Tours
- Ride-Along Program



Deputy Fire Marshal Samantha Metheny is the Public Education Program Lead at MFR. She is dedicated to reaching as many people in the community as possible to teach them emergency skills and help them learn about fire safety and prevention.

CPR Anytime (Hands-Only CPR)



The CPR Anytime Program provides everything an individual needs for learning and practicing Hands-Only CPR. Instead of mouth-to-mouth breaths used during traditional CPR, there are only two steps needed to perform Hands-Only CPR:

1. Call 911.
2. Push hard and fast in the center of the chest.

According to the American Heart Association, Hands-Only CPR has been shown to be as effective as conventional CPR for cardiac arrest at home, at work, or in public. The CPR Anytime Program is an hour long, hands-on class designed to teach simple and effective continuous CPR. It is taught to all middle school students in the Rogue Valley.



Fire Extinguisher Training

MFR offers fire extinguisher training classes to businesses and groups. People learn about the different classes of extinguishers and how to choose the correct one depending on the situation. Proper use of extinguishers is taught using demonstrations and having participants practice on a simulated fire event.



PUBLIC EDUCATION & COMMUNITY

Hazard House - Survival Skills for the Home

Hazard House is a program presented to all elementary 4th grade students in our jurisdiction. In 2019, we were able to reach more than 600 children through the program. The goal is to teach skills that promote fire and injury prevention. Children are taught about smoke alarms, home hazards, and exit drills through an interactive presentation. Students are then given an assignment to make a home fire escape plan and inspect their own home for hazards.



Youth Fire Intervention & Prevention Program

The Youth Fire Intervention and Prevention Program is designed to address youths who have been involved with firesetting or other fire related activities, with the intent of changing the behavior through additional education. We work in partnership with neighboring fire and police departments, the Juvenile Justice Department, and Resolve (Center for Restorative Justice) to achieve this objective. In 2019, Deputy Fire Marshals evaluated two youths and their families.



Fire Safety Classes

The FLSD offers fire safety classes and presentations for homes and businesses. Participants review their location's specific emergency plan and fire safety system and participate in hands-on training. Each presentation is personalized for the audience being addressed, whether it be for groups of preschool children or for adults in assisted living facilities. The goal is to keep the education relevant and understandable for everyone. Here are some examples of the group classes we present:

- Fire & Fall Prevention in an Assisted Living Facility
- Home Fire Safety for Folks with Special Needs
- Adult Foster Care Home Fire Safety
- Young Adult Fire Safety
- Infant & Child Life Safety for New Parents
- Fire Safety for Childcare Professionals



Public Education Days



Throughout the year, MFR has dedicated days for public education. On these days, we schedule time to give station tours to members of the public so our personnel can provide information and insight to people interested in the world of firefighting. Children and adults get a chance to see what it's like to live in a fire station and learn about what our firefighters do each day. It's also a great opportunity to see the fire apparatus and equipment up-close and learn more about them. If a group can't come to one of our stations for a tour, we'll send a crew in one of our fire engines to visit them.



Careers in Gear



In March, Deputy Fire Marshal Samantha Metheny and Firefighters Tim Dundas and Justin Fish represented MFR at the 9th Annual Careers in Gear event at Central Medford High School. The one-day expo brings students from different high schools together, with the focus on exploring the variety of career options available in Southern Oregon. Students meet local employers and are given useful information about job hunting to encourage them in their pursuit of a career. The event continues to grow each year, with over 2,000 students attending.



PUBLIC EDUCATION & COMMUNITY

Child Safety Seat Checks



Car crashes are a leading cause of death for children ages one to 13. Car seats and booster seats provide protection, but they have to be installed correctly to do so. MFR performs child safety seat checks each month at one of our fire stations. Appointments are scheduled in advance and the seat checks are completed by our technicians who have been certified by the National Highway Traffic Safety Administration (NHTSA).



Ride-Alongs



For individuals who want to see what firefighters do on a day-to-day basis, we offer ride-alongs. Riders have the opportunity to spend part of the day at one of our fire stations with a crew. When the crew is called out to an emergency, riders get to go with them in the fire engine and observe what firefighters do during the incident. Even when the crews are not responding to emergencies, they are often participating in other interesting daily tasks, such as training exercises. MFR had approximately 40 ride-alongs in 2019.

This program is great for anyone wanting an up-close experience of a day in the life of a firefighter!



SOCIAL MEDIA OUTREACH

Connecting with members of the community is one of our top priorities. Through the use of social media, we're able to keep people updated with important news and safety information. It's also an excellent way to announce upcoming MFR events and share our department's activities with the public.



11,953 Facebook Followers at the end of 2019

↑ **12%** from last year

www.facebook.com/MedfordFireDepartment



Rogue Girls Fire Camp



June of 2019 marked the first ever Rogue Girls Fire Camp. The event was organized through a partnership between several local educational groups and fire agencies and took

place over three days at Jackson County Fire District 3's training facility in White City. 18 women ages 16-20 participated in the event, which was lead by female instructors who currently work in the fire service. The goal was

to give women the opportunity to experience what it's like to be a firefighter through hands-on training and also to create an interest in the male-dominated profession. Over the three days, women learned several skills, including rappelling, search and rescue, vehicle extrication, and forced entry tactics. The event was a huge success and it is planned to continue annually.



PUBLIC EDUCATION & COMMUNITY

Chamber Leadership Day



Chamber Leadership Day is an annual event for Medford Fire-Rescue. The Medford Chamber of Commerce's Leadership Program is made up of emerging leaders in the community and those who are interested in moving their careers to the next level. The Chamber's goal is to develop future leaders and commitment to our region. Eight educational sessions are held during the year, one of which is with MFR. Participants of the program get an inside look at who we are, what we do, and how we do it. Part of their day is spent learning about the latest equipment and technology at MFR through hands-on activities. This year, 26 people in the program attended the session held at Station 4 in March.



Annual Open House



Each year, MFR hosts an Open House event for members of the public. People of all ages are invited to come and learn more about the fire department. 2019's Open House was held in June at Fire Station 4. Approximately 600 children and adults attended the event, making it one of our biggest open houses to date. Attendees were given the opportunity to learn about fire prevention as well as participate in various fun activities related to fire and life safety. Here are some of the activities available to do at the Open House:

- Complete the Jr Fitness Obstacle Course
- Meet Medford Fire-Rescue personnel
- Watch a vehicle extrication
- Visit with Smokey Bear and Sparky the Fire Dog
- Enjoy refreshments
- Learn how to use a fire extinguisher
- Tour a fire station
- Climb inside a fire engine
- Watch a live flashover/fire sprinkler demonstration
- Spray a fire hose
- Use a thermal imaging camera to see through smoke
- Learn about fire prevention and fire safety



PUBLIC EDUCATION & COMMUNITY

Seattle Stairclimb



Four MFR personnel participated in the Annual Seattle Firefighter Stairclimb in March 2019. Over 2,000 firefighters from around the world join in this fundraiser to raise money for the Leukemia & Lymphoma Society. Participants race up 69 flights of stairs in the Columbia Center, the 2nd tallest building west of the Mississippi (788' tall). A record \$2.9 million was raised for blood cancer research and patient services in 2019.

From left: Captain Jon Peterson, Firefighters Jeff Matschke and Dave Penicook, Administration Manager Pam Webber



Relay for Life



Relay For Life is a team fundraising cancer walk for the American Cancer Society. Thousands of volunteers worldwide give their time to bring communities together to remember loved ones lost, honor the survivors of cancer, and raise money to

help the efforts of cancer research. MFR personnel worked together to hold a fundraiser at Firehouse Subs and then walked together as a team in the relay to raise more money for the charity. Thank you to everyone who gave of their time and donated money to help make this a successful event!



2019 AWARDS & RECOGNITIONS

Years of Service Milestone Anniversaries



Tim Dundas
Randy Kalista
Jeff Matschke
Jim Oppelt
Dave Wood



Steve Blumberg
Kip Gray



Brian Farber
Erin Sawall



Chuck Barrie
34 years
Brian Fish
30 years
Brian Hammer
30 years
Dennis Macey
32 years

Executive Fire Officer



Tom McGowan

Battalion Chief Tom McGowan graduated from the U.S. Fire Administration's National Fire Academy as an Executive Fire Officer (EFO) in March. The EFO Program takes four years to complete and is designed to provide senior fire officers with a broad perspective on various facets of fire and EMS administration. The courses focus on how to exercise leadership when dealing with difficult or unique problems within communities. The EFO Program's goal is to create a professionally recognized leadership environment in which all EFOs possess the appropriate combination of formal higher education and on-the-job experience needed to lead the fire service. Thanks to Chief McGowan's diligence and dedication, his accomplishment means we have another leader who is ready and willing to continually evolve fire and emergency services to best serve our community.



OSFM Competency Recognition

Steve Parks

Deputy Fire Marshal Steve Parks was presented with his Office of State Fire Marshal (OSFM) Competency Recognition Certificate in January 2019. This is the program's fourth and highest level of recognition. The program is a joint effort between OSFM and the Oregon Fire Marshals Association. It defines competencies, provides education,



and recognizes commitment and scope of practice among fire and life safety professionals in Oregon. The program focuses on fire and life safety training and technical certifications, such as Department of Public Safety Standards and Training (DPSST) Fire Inspector Task Books (which are based on the National Fire Protection Association's 1031 Professional Standards for Fire Inspectors) and International Code Council (ICC) certifications.



2019 AWARDS & RECOGNITIONS

Firefighter II

Brandon Grissom	Tyler Nelson
Brandon Jones	Steve Parks
Aaron Kersey	Cole Rohrbough
Kris Miller	Mark Shay
Kyle Miller	Nathan Wickham
Kyle Nelson	Ryan Willits

Fire Officer I

Derrek Butterfield
Dave Penicook

Fire Officer II

Steve Blumberg	Jon Peterson
Sean Fey	Mark Shay
Mike Haughey	

Fire Officer IV

Kip Gray	Tom McGowan
Jason John	Sean Schmidt
Justin Keylock	

Chief's Coin

Christa Bennett
Artistic Dedication - Annual Report

Melissa Cano
Dedication - Rogue Girls Fire Camp

Samantha Metheny
Dedication - Rogue Girls Fire Camp

At retirement, Chief Fish presented coins to Command Staff, MRPD2 Board Members, the City Manager, Department Heads, the Mayor, & City Council to show his appreciation for their service.

Fire Inspector II

George Ramsey

Fire Inspector III

Chase Browning	Steve Parks
Tanner Fairrington	Mark Shay
Samantha Metheny	

Military Service

Sean Fey <i>Coast Guard</i>	Bryan Studebaker <i>Army</i>
Chuck Glose <i>Army</i>	James Oppelt <i>Army</i>
Josh Guinn <i>Marine Corps</i>	George Ramsey <i>Air Force</i>
Brandon Jones <i>Army</i>	Allan Rogers <i>Army</i>
Randy Kalista <i>Navy</i>	Matt Tate <i>Air Force</i>
Joel Matlock <i>Army & National Guard</i>	Nathan Wickham <i>Army</i>
Jeff Matschke <i>Army</i>	



Company Citation



Exceptional Crew Performance - 2017 Seroba Circle Fire

Travis Landen

Jon Peterson

George Ramsey



Distinguished Service



*Courageous Performance Above & Beyond the Call of Duty -
2018 Cedar Tree Apartments Fire*

Chuck Glose

Jeremy Nelson

Jason John

James Oppelt

Kyle Miller



Meritorious Service



*Outstanding Performance of Duty -
2018 Cedar Tree Apartments Fire*

Brian Farber

Dave Penicook

Kevin Geller

George Ramsey

Josh Guinn

Allan Rogers

Chris Howard

Matt Tate

Brandon Jones

Nathan Wickham

Seth McEwen

Ryan Willits

Tyler Nelson



Outstanding Service



Greg Kleinberg

Implementation of Statewide Wildfire Hazard Mitigation Provisions for Homes

Steve Parks

Effort and Commitment - Cedar Tree Apartments Fire Investigation

Jon Peterson

Dedication & Research - Firefighter Cancer Prevention



So That Others May Succeed



Allan Rogers

Dedication - Incident Report Writing System Quality Control



2019 AWARDS & RECOGNITIONS

Lifesaving Awards

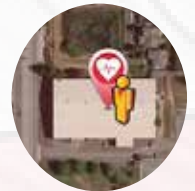
Tim Dundas **Jeff Matschke**

PulsePoint Respond is a mobile app activated by emergency dispatch, which alerts CPR-trained citizens that someone in a public place nearby is having a sudden cardiac arrest. The app also provides information as to where the nearest automated external defibrillator (AED) is located.



Jeff Matschke (left) & Tim Dundas (right)

In January, off-duty Medford Fire-fighters Tim Dundas and Jeff Matschke were at the Court House Family Fitness Center when they received an alert from PulsePoint on their cell phones. The alert was for a man who was suffering from cardiac arrest in the same building. Within one minute, both firefighters were able to locate the patient and immediately started CPR. They also located the facility's AED and administered two shocks. The first MFR engine arrived on-scene about five minutes later and the on-duty firefighters continued to provide CPR and administered one additional shock to the patient. The patient regained a pulse and was transported by ambulance to the hospital where he continued to recover.



Thanks to Tim and Jeff's efforts and quick response, a life was saved. They were presented with the Lifesaving Award by MFR and they also received the Lifesaving Medal from the Oregon Health Authority Emergency Medical Services (OHA EMS) and Trauma System Program at the Oregon EMS Awards Banquet in Salem.



Chief Fish presents Dundas and Matschke with Medford Fire-Rescue's Lifesaving Award during an awards ceremony at Fire Station 4 in April.



Matschke and Dundas accept the Oregon EMS Lifesaving Medal at an awards banquet in Salem in September. In center is Dr. Dana Selover, OHA EMS and Trauma System Director.

Dedicated Service Recognition

Brian Fish

Chief Brian Fish was recognized at the Rogue Valley Fire Chiefs Association's (RVFCA) Annual Christmas Luncheon in December 2019. Chief Fish was presented with a plaque to thank him for his many years of dedicated service to the citizens of both Jackson and Josephine Counties, as well as his 22 years of service to the RVFCA.



Citizen Recognitions

Kevin Gray

Cliff Maris

Kaileb Grisham

Ernie Whiteman

In January of 2019, MFR had the privilege of honoring members of our community for their heroic and fast-acting efforts to save two lives during two separate incidents at Food 4 Less in Medford.

The first incident took place on December 22, 2018 and it began as a report of a vehicle crashing into the Food 4 Less building (it was later learned that the driver had suffered cardiac arrest while behind the wheel). Store employees Kevin Gray and Kaileb Grisham and store customer Cliff Maris quickly assessed the driver. Once they realized she was unresponsive and not breathing, they called for help, broke through the car window, pulled the woman out, and began CPR. One of the employees ran inside to retrieve an AED. Medford Police Corporal Ernie Whiteman was the first officer to arrive on-scene and assisted with CPR until MFR firefighters arrived to relieve them.

Less than a week later, on December 28, a second incident occurred. Employee Kevin Gray was notified of an unresponsive man outside of the store on a bench (he was suffering from cardiac arrest). Gray quickly realized the man didn't have a pulse and wasn't breathing, so he acted swiftly by calling for help and beginning CPR. Another employee ran to retrieve an AED and was able to set it up before first responders arrived on-scene.



Due to the quick response and live-saving efforts made, both of the patients survived. Food 4 Less received a certificate of recognition from MFR for their dedication to training their employees in first aid and CPR. Both of the incidents are a testament to the willingness of those in our community to help a person in need and MFR was proud to recognize these individuals.



From Left: Firefighter Brian Hammer, Fire Chief Brian Fish, Store Mgr. Jarred Mulhollen, Employee Kaileb Grisham, Police Cpl. Ernie Whiteman, Customer Cliff Maris, Fire Captain Dave Ackles, Front-end Mgr. Kevin Gray, Fire Engineer Dave Herick, Firefighter Joel Matlock, Deputy Fire Marshal Samantha Metheny

Citizen Recognitions

Erin Atchley

Shelly Diaz

Cheryl Martin

MFR had another opportunity to commend three individuals from the community for their heroic efforts to save a man's life on December 3, 2019. A man who was out shopping with his family suffered a cardiac arrest in a store parking lot. Three bystanders immediately jumped into action to help. Cheryl Martin called 911 while Shelly Diaz began CPR. Meanwhile, Erin Atchley ran to a nearby store to retrieve an AED. Martin remained calm and focused while communicating with dispatch while Atchley assisted

and comforted the man's family. Diaz continued CPR

until MFR and Mercy Flights arrived on-scene to take over. The patient regained consciousness after four minutes of CPR, two shocks from the AED, and some medication. He was taken to the hospital where he continued to recover.



Thanks to the three women working together as a team, a man's life was saved in front of his family. MFR was privileged to honor these members of our community for their life-saving efforts and their willingness to help a person in need.

RETIREMENTS

Fire Chief | Brian Fish



Brian Fish
31 Years of Service

Chief Brian Fish began his firefighting career as a volunteer with a neighboring fire agency in 1986. He was hired by the Medford Fire Department on January 1, 1989 as a firefighter. In 1995, he was promoted to Captain and then to Battalion Chief of Training in 1997. Brian worked as a line battalion chief from 2007 until March 2014, at which time he was promoted to Deputy Chief of Operations. In August 2014, he was promoted to the position of Fire Chief. Brian celebrated 30 years of service in January 2019. Although he officially retired at the end of November, he continued to fulfill his duties through the end of December as Interim Chief and will continue to work into 2020 as Deputy Chief of Operations, assisting the new fire chief for a few months.

During retirement, Brian looks forward to spending time with family, traveling the country (with the occasional stop at Disneyland), and no longer having to listen to a portable radio attached to his hip. As he works into 2020, Chief Fish will have served over 31 years with MFR and says he is honored to have served our community.

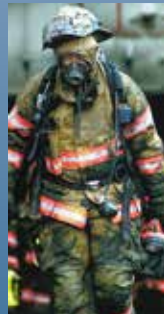


Firefighter | Brian Hammer



Brian Hammer
30 Years of Service

Brian joined MFR on February 1, 1989 as a firefighter after working for the Grants Pass Fire Department. Over his years with MFR, Brian was involved in several projects and programs. He was the lead trainer for rope rescue and fire hose management and was an instructor for Recruit Academy. When asked about retirement, Brian said he looks forward to reconnecting with people he lost touch with over the years, enjoying more time with his wife, and helping his son remodel his home. Brian's last shift at MFR was on February 24, 2019, retiring after 30 years of service to our community.



RETIREMENTS

Battalion Chief | Brian Farber



Brian Farber
25 Years of Service

On August 15, 1994, Brian began his career with MFR as a firefighter. In October 2001, he was promoted to Engineer, to Captain in November 2006, and then to Battalion Chief in May 2018. Chief Farber served as the lead for managing the department's personal protective equipment and was a member of the Training Committee for several years. After retiring, Brian said he and his wife plan on taking more trips in their RV and spending time visiting family. After dedicating more than 25 years of service, Chief Farber retired from MFR on November 27, 2019.

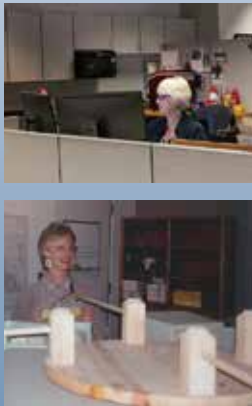


Administrative Assistant | Gayle Cotone



Gayle Cotone
12 Years of Service

Gayle started with MFR on July 23, 2007 as an administrative assistant. Her career with the City actually started in April 1988, working as a dispatcher for Medford Police for nearly 20 years before retiring in July 2007. Gayle joined MFR's support staff a few weeks later to work part-time. Although her main role focused on purchasing and accounts payable, she filled in wherever needed and helped train new employees. In retirement, she hopes to take a cruise to somewhere sunny like Hawaii or Mexico. Gayle retired on December 31, 2019, serving over 12 years with MFR and a combined total of over 31 years with the City.



Miss Flame slightly put out

It was supposed to be the usual kind of publicity photo. In observance of Fire Prevention Week, Miss Flame — Gayle Woodruff — was posing with Tacoma firefighter Rudy Wallace, who was showing off new protective clothing. Their housemate Bob Bender turned on the water. Miss Flame in turn grabbed the nozzle and returned the favor, dousing the laughs of a half-dozen firemen and News-Tribune photographer Russ Connick. Wallace's clothing is on display this week at the Broadway Plaza and Tacoma Mall. Miss Flame is at the Tacoma Avenue branch of Puget Sound National Bank — the year round. Related photo: Page B-1.

Early 1970s

The seal of the Medford Fire-Rescue department is a circular emblem. At the top, a banner reads "MEDFORD". Below this, a shield contains the text "CITY-RURAL" and "Est. 1886". The bottom of the seal features a banner that says "FIRE-RESCUE". The central part of the seal depicts a landscape with a building, trees, and a body of water.

*"We serve our community through
risk reduction and all-hazard
response to emergencies"*



MEDFORD
OREGON

Medford Fire-Rescue
2019 Annual Report
www.medfordfirerescue.org

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